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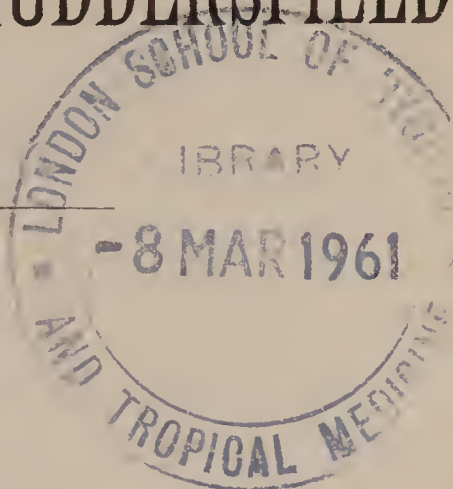
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COUNTY BOROUGH OF HUDDERSFIELD.



THE



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH,

FOR THE YEAR

1906.



HUDDERSFIELD :

DAILY CHRONICLE PRINTING WORKS, LORD STREET.

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THE
ANNUAL REPORT

TO THE
URBAN SANITARY AUTHORITY
OF THE
COUNTY BOROUGH OF HUDDERSFIELD

FOR THE YEAR

1906.

BY
S. G. MOORE, M.D., D.P.H.

Medical Officer of Health to the Borough,

Medical Superintendent of the Sanatorium, Mill Hill, Dalton.



PRINTED BY ORDER OF THE HEALTH AND SANITARY COMMITTEES.



HUDDERSFIELD :
DAILY CHRONICLE PRINTING WORKS, LORD STREET.

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COMMITTEES.

Health.

OWEN BALMFORTH, Esq., J.P., Mayor, and 20 Members
Mr. Alderman B. BROADBENT, M.A., J.P., Chairman
Mr. Councillor C. F. SYKES, J.P., Deputy-Chairman.

Aldermen :

J. A. BROOKE, M.A., J.P., A. GEE, J. HOLROYD, W. H. Jessop, J.P., S. Kendall, H. Pullon, M.B., C.M. and J. E. Willans J.P.

Councillors .

J. H. Aston	J. H. Noble
E. A. Beaumont	W. Pickles
G. H. Beaumont	J. Quarmby
J. Berry	L. Taylor
B. Bottomley	J. Walker
J. Dawson	

Duties and Powers of the Health Committee.

To execute and perform in the name and on behalf of the Council, but subject to the Standing Orders of the Council and to confirmation by the Council, all the powers and duties of the Corporation in relation to the following :—

- Main Intercepting Sewers and Sewage Disposal Works.
- Agreements with other Authorities as to disposal of Sewage.
- Cleansing of Sewers in Central District.
- Storm Overflow Sewers in the Central District.
- Infectious and Epidemic Diseases.
- Hospitals for Infectious Diseases.
- Common Lodging Houses.
- Cleansing of Infected Houses.
- Prevention of Pollution of Rivers and Streams.
- Health Statistics and Sickness and Mortality Returns.
- Superintendence of the Department of the Medical Officer of Health (in conjunction with the Sanitary Committee).
- Property of Corporation at Deighton, adjoining Sewage Disposal Works.
- All Property of the Corporation acquired for Sewage Disposal Purposes.
- All the powers and duties imposed upon the Council by the Midwives Act, 1902.

Sanitary.

OWEN BALMFORTH, Esq., J.P., Mayor, and 19 Members.
Mr. Alderman J. HOLROYD, Chairman.

Mr. Councillor A. WHITWORTH, Deputy-Chairman.

Aldermen :

B. Broadbent, M.A., J.P. E. B. Woodhead,

Councillors :

E. A. Beaumont	J. H. Noble
G. H. Beaumont	G. F. Spurdens
A. Beevers	H. Thomas
B. Bottomley	G. Thomson, J.P.
J. Dawson	J. Walker
G. Hesketh	W. Wheatley
J. W. Lawton	E. Whiteley
J. W. Mallinson	

Duties and Powers of the Sanitary Committee.

To execute and perform in the name and on behalf of the Council, but subject to the Standing Orders of the Council and to confirmation by the Council, all the powers and duties of the Corporation in relation to the following :—

- Scavenging of Streets
- Removal and disposal of Nightsoil and Refuse.
- Public Urinals and Conveniences.
- Nuisances.
- Offensive Trades.
- Control of Drains, Privies, Ashpits, and Cesspools.
- Buildings and rooms unfit for habitation
- Polluted Wells.
- Adulteration of Food and Drugs.
- Unwholesome Food.
- Cowsheds, Dairies and Milkshops
- Canal Boats.
- Factories and Workshops.
- Superintendence of the Department of the Medical Officer of Health (in conjunction with the Health Committee).

Public Health Department.

STAFF :

Medical Officer of Health :

S. G. H. MOORE, M.D., M.B., Ch.B., D.P.H.

Assistant Medical Officers of Health :

F. E. ROCK, M.D., M.B., D.P.H.

Miss E. R. SPROULL, M.B., Ch.B., D.P.H.

Miss M. L. RAMSEY, M.B., Ch.B.

Public Analyst :

L. GORDON PAUL, Ph.D., F.I.C.

Veterinary Inspector :

J. McKINNA, F.R.C.V.S.

Chief Sanitary Inspector :

WILLIAM MEDLEY DRAKE. †

Deputy Chief Inspector :

ALBERT BROOK. † § ‡

Assistant Inspectors :

T. H. MARFELL. † *

R. ALLISON † *

S. S. RUSBY. † * §

A. AINLEY. †

M. G. H. TRESIDDER. †

Infectious Diseases Officer :

M. TURNER.

Clerks :

M. V. SUTCLIFFE.

N. LOCKWOOD.

F. BROADLEY.

Hospital Matron :

Miss M. STEVENSON.

† Certificate of Royal Sanitary Institute for Inspector of Nuisances.

* Certificate of Royal Sanitary Institute for Food Inspector.

§ Certificate of Royal Sanitary Institute in Practical Sanitary Science.

‡ Certificate of Sanitary Inspectors Examination Board.

ABSTRACT.

1. **Situation.**—Latitude $53^{\circ} 39' 7''$ N.; Longitude $1^{\circ} 47' 30''$ W.
2. **Elevation of the area built over.**—Varies from 200 feet to 600 feet above ordnance datum.
3. **Area of the Borough.**—11,852 acres; of the Central District, 734 acres.
4. **Population.**—1901 Census, 95,056; estimated at middle of 1906, 94,862.
5. **Density of Population.**—For the Borough 8.0 persons per acre; for the Central District, 31.4.
6. **Marriages.**—Number during the year, 821; rate per 1,000 of the population, 8.65.
7. **Births.**—

Males ...	...	1185	}	Total 2301.
Females ...	...	1116		

Rate 24.34.
8. **Natural Increase.**—For the year, 663; since the Census, 3680.
9. **Deaths.**—

Males ...	...	844	}	Total 1638.
Females ...	...	794		

Annual rate of mortality, 17.33.

Mean rate during years 1896-1905, 17.41.

Total deaths from zymotic diseases, 203.

Annual rate of mortality do. 2.15.

Mean rate of mortality do. years 1896-1905, 1.57.

NOTE.—“Rate” = per 1,000 per annum.

TO THE CHAIRMEN AND MEMBERS OF THE HEALTH AND
 SANITARY COMMITTEES OF THE COUNTY BOROUGH
 OF HUDDERSFIELD.

GENTLEMEN,

The present is the thirty-ninth annual report on the health of the Borough since the first appointment of a Medical Officer of Health. It is the sixth prepared by me.

The population of the Borough at the middle of the year, estimated by the method of the Registrar-General, numbered 94,862 persons.

The reasons given in former reports why this estimate appears to be erroneous may be set forth again with advantage. This method is based on the assumption that a population which has increased during one inter-census period of 10 years, will continue to increase, and that it will do so at the same rate during the next 10 years. A decrease is estimated in the same way. Thus not only is the rate assumed to be uniform for the considerable period of 10 years, but the further assumption is of necessity acted upon that the change continues in the same direction, and at the same rate, whether of increase or decrease, for 20 years. It is to be expected *a priori* where this system is applied to a large number of communities, that in certain instances it will break down. Because it is highly improbable, in the smaller places particularly, that the *rate of change* will be uniform. Moreover, a diminution in a rate of increase need only continue long enough to become a positive decrease. Doubtless the method is the best devisable for common application to a large number of places; but it is clearly permissible to supplement it by conclusions arrived at by persons familiar with local conditions. I have done this for Huddersfield. The results appear to show that the population of the Borough has again become a substantially increasing one. Each result corroborates and supports the other, and in each there is shown an increase for each year since 1901, the census year.

It is highly desirable that the interval between the censuses should be reduced to five years. The effects of efforts to improve the health and prolong the lives of the people can best be measured by the comparison of rates of sickness and of death calculated from the total population. Of course the official estimate must be used for this purpose. Where, as in Huddersfield, however, there is ground for the belief that the sickness and deaths occur in a population greater by some 5,500 persons than the 94,862 counted by the Registrar-General, the error becomes serious, and these figures, possessing an importance greater by far than any others affecting the community, come to have a seriously diminished value.

It is to be remembered that the effect of the error will be in the direction of rendering the rates less favourable than the reality.

The consciousness among the inhabitants that the population is decreasing, and its corollary that the town is decadent, is likely to have the effect of damping confidence. It is my opinion that the comparatively inconsiderable expense involved in undertaking a local census, amounting to well under £300, might be incurred with advantage.

There are three methods available outside the method of the Registrar-General for estimating the population:—

1.—By adding to the number found at the last census the excess of births over deaths, i.e., the natural increase of population.

2.—By making a comparison between the number of voters on the burgess rolls year by year.

3.—By making a comparison of the number of occupied houses year by year.

These are set forth below.

1.—Excess of Births over Deaths.

April, 1901, to December, 1902	...	...	1112
During 1903	...	...	668
During 1904	...	...	586
During 1905	...	...	651
During 1906	...	...	663

Total natural increase since the Census 3680

2.—Comparison of Burgess Rolls.

Number of Burgesses on Roll	1901	...	19712
„ „ „	1902	...	19784
„ „ „	1903	...	20106
„ „ „	1904	...	20196
„ „ „	1905	...	20382
„ „ „	1906	...	20758

Number of inhabitants per voter at Census period 4.8. On this basis :—

Increase of population	1902	...	346
„ „	1903	...	1546
„ „	1904	...	432
„ „	1905	...	893
„ „	1906	...	1805

3.—Comparison of Occupied Houses.

Number of new houses erected, April, 1901, to December, 1902		...	496
Number of new houses erected	1903	...	361
„ „ „	1904	...	366
„ „ „	1905	...	319
„ „ „	1906	...	345
Number of persons per house at Census		...	4.252
Number of inhabited houses at Census, 1891		...	20930
Number of uninhabited houses at Census 1891		...	978
or 1 in 21.			

At the 1901 Census the figures were 22,356 inhabited and 1,186 uninhabited, or 1 in 19.

The rate of change of inhabited and uninhabited houses being very low, may be neglected, and the calculation made as follows :—

Number of new houses erected 1906	...	...	345
Allow 1 in 19 to be empty	...	...	18
			327

Applying the number of persons per house found at the Census, we arrive at a probable increase of 1,390.

The estimate of the number of occupied houses obtained by the above method, namely 24,144, is substantially corroborated by the fact that the Water Department supplied water to 24,242 houses during the year.

Table showing result of each method for each year
since 1901 Census.

Method.	Years.					Total.
	1902	1903	1904	1905	1906	
1 ...	1112	668	586	651	663	3680
2 ...	346	1546	432	893	1805	5022
3 ...	1998	1454	1475	1284	1390	7601

If one takes the average of these three methods, it appears that there is a very great probability that the population of the Borough has increased by considerably more than 5,000 persons since 1901.

Of these three estimates the first, namely, the natural increase, is perhaps the least reliable, because there might be so much migration as to invalidate it completely. It is obvious that where the trades of a particular locality are flourishing that an increased number of workers will be required, and will be attracted by the prosperity; and on the other hand, where business is slack and trade dull workpeople will be discharged, and they will be under the necessity of leaving that locality and seeking work elsewhere. Not only is this what one would expect, but experience shows that it actually occurs.

The second method is probably much more reliable, though not absolutely so. The proportion of individuals entitled to vote who actually have their names inscribed on the lists of voters has not, so far as I am aware, ever been determined.

The third method, based on the numbers of occupied houses is, in my opinion, the most reliable of all. The fact that according to this method the greatest increase of population appears to have taken place is for this reason satisfactory, the more so as it is supported by (a) the number of houses within the Borough supplied

with water by the Waterworks Department, and (b) the substantial increase in the rateable value of property in the Borough.

I believe that my estimate of the increase of population rather under than overstates the case.

The tendency to postpone marriage to a later age period which is observed throughout the country on consideration of the returns of the Registrar-General, may be sufficient to account for the fact that in Huddersfield the marriage rate fell from 9.6 in 1903, 9.8 in 1904, and 9.5 in 1905, to 8.6 in 1906.

The birth rate, on the contrary, has risen from 23.79 in 1903, 23.71 in 1904, and 23.85 in 1905, to 24.34 in 1906. Taking into account the fact that the estimate is based on the assumption of the Registrar-General that the population is practically stationary, and as I have attempted to show that the population in all probability is considerably more, one must regard the birth rate as at a standstill.

The zymotic rate is high this year, amounting to 2.15 per 1,000 of the population. This was caused by epidemics of Measles and Whooping Cough.

I am instructed by the Health Committee to report fully on the subject of Infant Mortality, and accordingly will not go thereinto at length in this report.

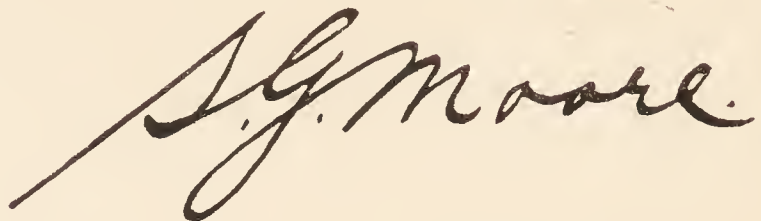
I deem it my duty to invite the attention of Members of the Council to that part of my report which deals with the administration of the Sale of Food and Drugs Acts. It appears therefrom that the position of affairs cannot be regarded as satisfactory. It is hardly too much to say that this section of the law is a dead letter in Huddersfield. Such a condition is not likely to be tolerated for long—if the law is weak, it ought to be amended. The inhabitants of the Borough are entitled to be protected from adulteration and sophistication of food.

In conclusion I wish to express my sincere gratitude for the very great kindness shewn to me by the Council during my

illness in the early part of the present year. The consideration extended to me I feel to have been very great indeed. I will endeavour to show that I am not lacking in appreciation thereof.

I am, Gentlemen,

Faithfully yours,

A handwritten signature in dark ink, reading "J. G. Moore". The signature is written in a cursive style with a long, sweeping underline that extends to the left.

M.D., D.P.H.,
Medical Officer of Health.

Public Health Department, Huddersfield.
July, 1907.

STATISTICS.

Population.

The population on the basis of the Registrar-General's method of calculation, estimated to mid-year 1906, was 94,862, or a decrease of 37 for the year, equal to .039 per cent of the total number of inhabitants.

By each of the three methods set forth in the introductory letter, however, a substantial increase is shown. This is progressive from year to year. There are good grounds for the belief that the total number of inhabitants of the Borough is well over 100,000 persons.

The following table shows the changes in the population census by census since the year 1831, and the change per cent:—

Census.	Population.	Variation.	Rate per cent.
1831	36732	...	...
1841	44933	+ 8201	+ 22
1851	54073	+ 9140	+ 20
1861	60940	+ 6867	+ 12
1871	70253	+ 9313	+ 15
1881	81823	+ 11570	+ 16
1891	†95422	+ 13599	+ 16
1901	95056	— 366	— 0·38

† Including the district of Longwood, which was added in 1890, and had a Census population in 1891 of 5406 persons.

+ Increase. — Decrease.

Marriages.

The number of marriages solemnised in the Borough was 821, equal to 8.65 per 1,000 of the population.

The following table shows the average annual number of marriages in the Borough and in the Huddersfield Union in five yearly periods from 1876 to 1905, and the numbers for the year 1906.

Periods.	Borough of Huddersfield.	Huddersfield Poor Law Union.	Average Population of the Borough.
1876-80	820	1178	78919
1881-85	852	1247	84633
1886-90	843	1279	91440
1891-95	844	1298	95338
1896-00	882	1384	95157
1901-05	916	1422	94973
1906	821	1531	94862

Births.

In Tables A and No. 7 (post) will be found details of the birth-rates in the various districts of the Borough. The following short statement gives the population, births, and birth-rate for the years 1872, 1882, 1892, and 1902.

Year	Population.	Births.	Birth-rate.
1872	71,780	2,682	37.5
1882	83,271	2,562	30.8
1892	95,376	2,214	23.3
1902	95,010	2,354	24.4

It will be seen that the birth-rate underwent a reduction of 35 per cent in 20 years, and that it has apparently become stationary at about 23 or 24 per 1,000 population.

During the year 2,301 Births were registered; more by 45 than during 1905. The sexes and rates for the year and for each quarter are shown in the table below.

1906.	Males.	Females.	Totals.	Birth-rate.
1st Quarter.	314	307	621	26·27
2nd „	280	273	553	23·40
3rd „	292	281	573	24·24
4th „	299	255	554	23·44
Totals...	1185	1116	2301	24·34

England and Wales, 1906.

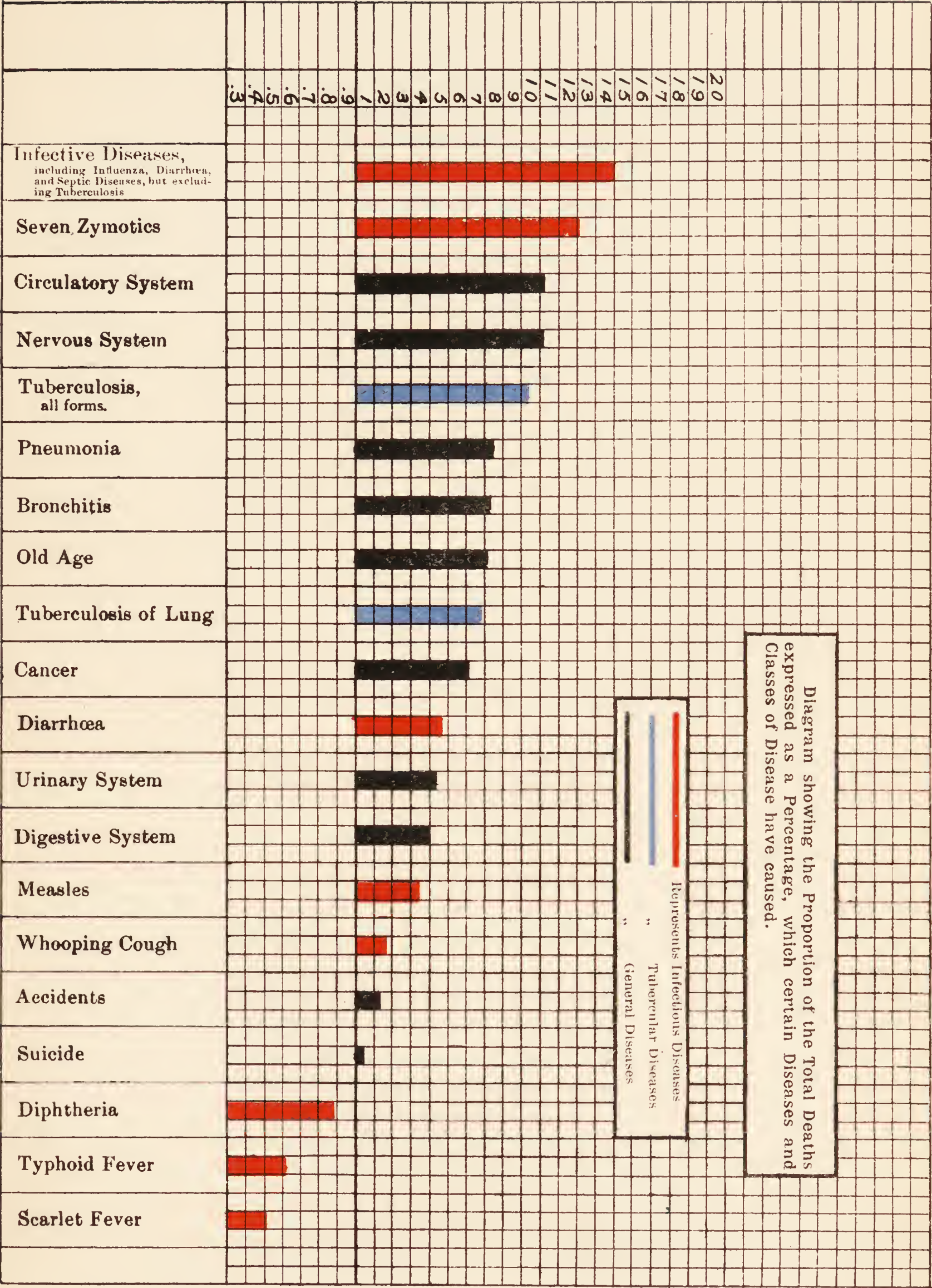
Birth Rates and Infantile Mortality Rates.

	Estimated Population to Middle 1906.	Number of Births, 1906.	Birth-rate per 1,000 persons living at all ages.	Infant Mortality Annual Death- rate of Infants under 1 year per 1,000 Births.
England & Wales	34,547,016	934,391	27·0	133
76 Great Towns ...	15,818,360	438,985	27·8	145
142 Smaller Towns	4,835,406	128,292	26·5	138
Huddersfield ...	94,862	2,301	24·34	135

Births in the Huddersfield Poor Law Union.

Sub. Reg District.	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
Huddersfield ...	1305	1269	1313	1293	1233	1292	1111	1127	1057	1114	1001	1062	950	1002	966	1099	1059	1133	1104	1042	1091	1090	1071	1078	1055
Almondbury ...	436	404	440	410	363	394	374	383	359	362	321	355	302	332	352	393	485	622	638	574	597	559	547	545	582
Kirkheaton.....	437	298	374	448	391	397	412	394	349	367	380	372	335	334	322	359	282	135	139	149	154	140	161	159	151
Kirkburton ...	355	341	371	317	330	382	338	346	298	328	303	278	297	286	282	255	289	280	290	270	306	310	332	292	306
New Mill	194	207	196	196	202	185	167	174	154	183	157	159	140	162	151	160	156	149	152	135	135	149	145	133	151
Holmfirth	314	307	289	299	278	268	273	290	241	262	231	234	223	214	236	204	221	190	188	183	202	196	202	167	197
Honley	378	355	373	351	334	376	342	329	323	345	336	303	258	294	290	291	316	270	272	284	297	284	276	270	266
Lockwood	503	510	544	508	484	473	507	463	449	455	459	438	395	484	402	504	608	621	651	573	614	614	638	633	677
Slaithwaite	283	279	294	283	249	254	260	245	249	273	308	315	295	274	278	226	239	212	224	196	217	212	208	216	215
Golear	651	707	680	651	662	660	640	657	552	582	610	591	493	502	527	547	421	436	413	416	370	400	387	381	397
Totals...	4856	4677	4874	4756	4526	4681	4424	4408	4031	4271	4106	4107	3688	3884	3806	4038	4076	4048	4071	3822	3983	3954	3967	3874	3997

For the information relating to the Poor Law Union I am indebted to Mr. Rigby, Clerk to the Guardians.
NOTE.—In July, 1898, Dalton was transferred from Kirkheaton district to Almondbury, which will explain the serious decrease in the former and increase in the latter.
In March, 1898, Lindley and Longwood were transferred from Golcar to Lockwood.



Mortality.

During 1906 there were 1,638 deaths in Huddersfield.

The following table shows the proportion of the total deaths expressed as a percentage, which certain diseases and classes of disease have caused:—

TABLE I.

All Infectious Diseases, including the seven Zymotics, Influenza, Infec- tive enteritis, Summer Diarr- hœa, Gangrene, and Pyæmia, but excluding all forms of Tuber- culosis 					14.53 per cent.
Seven Zymotics 					12.39 „
Diarrhœa 					4.95 „
Measles 					3.72 „
Whooping Cough 					1.95 „
Diphtheria 					0.79 „
Typhoid Fever 					0.55 „
Scarlet Fever 					0.43 „
Small Pox 					0.00 „
All diseases of circulatory system, in- cluding all forms of Heart Disease 					10.74 „
All diseases of nervous system, includ- ing Convulsions, Apoplexy, and Epilepsy 					10.62 „
Tuberculosis, all forms 					9.58 „
Pneumonia 					8.12 „
Bronchitis 					8.06 „
Old Age 					7.57 „
Tuberculosis of Lungs 					7.26 „
Cancer 					6.59 „
Urinary system, including all forms of Kidney Disease 					4.82 „
All diseases of digestive system, including Intestinal Obstruction, Gastric Ulcer, and Appendicitis					4.52 „
Accidents 					1.77 „
Suicides 					0.98 „

The above information is expressed graphically in the fore-
going diagram.

Deaths at different age periods expressed in percentages of the total deaths:—

TABLE II.

Aged under 1 year	...	...	...	18.99	per cent.
„ 1 to 5 years	...	...	...	11.17	„
„ 5 „ 15	„	...	...	2.81	„
„ 15 „ 25	„	...	...	4.52	„
„ 25 „ 65	„	...	...	36.51	„
„ 65 and over	...	...	...	26.01	„

Deaths in Public Institutions.

of persons resident in the Borough.

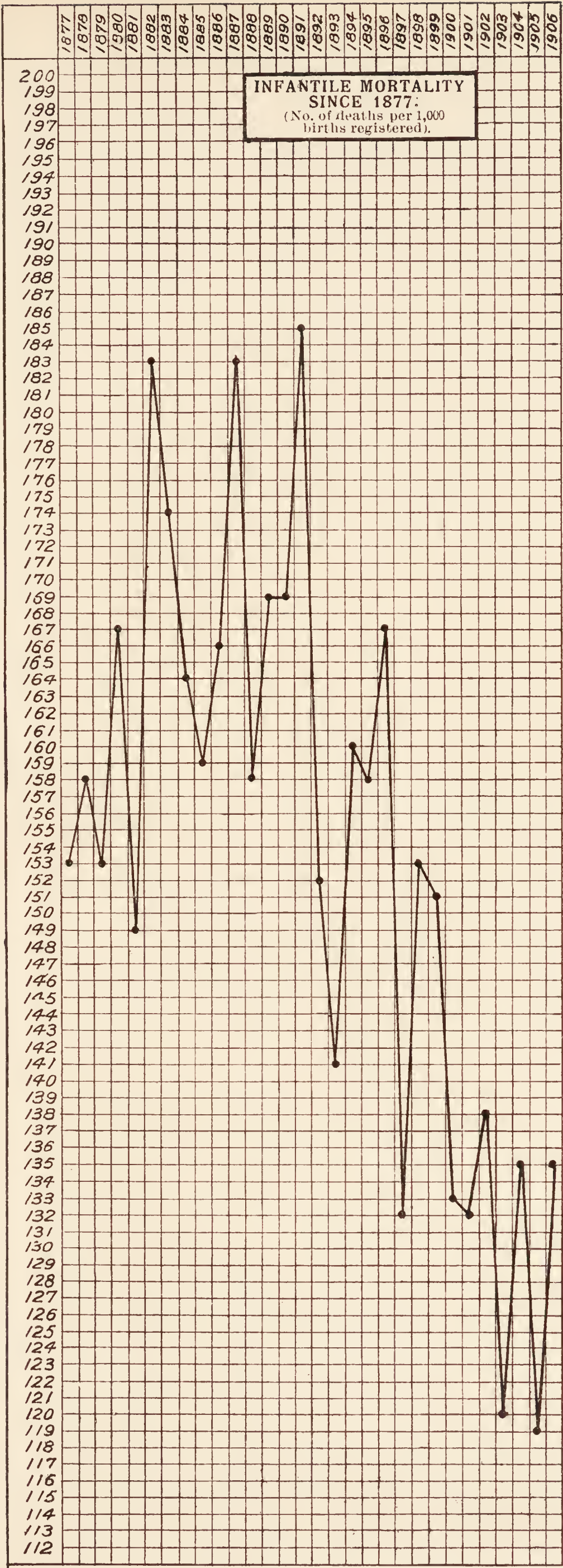
In the Sanatorium for infectious diseases	21	deaths occurred.
In the General Infirmary	70	„ „
In the Poor Law Infirmary	92	„ „

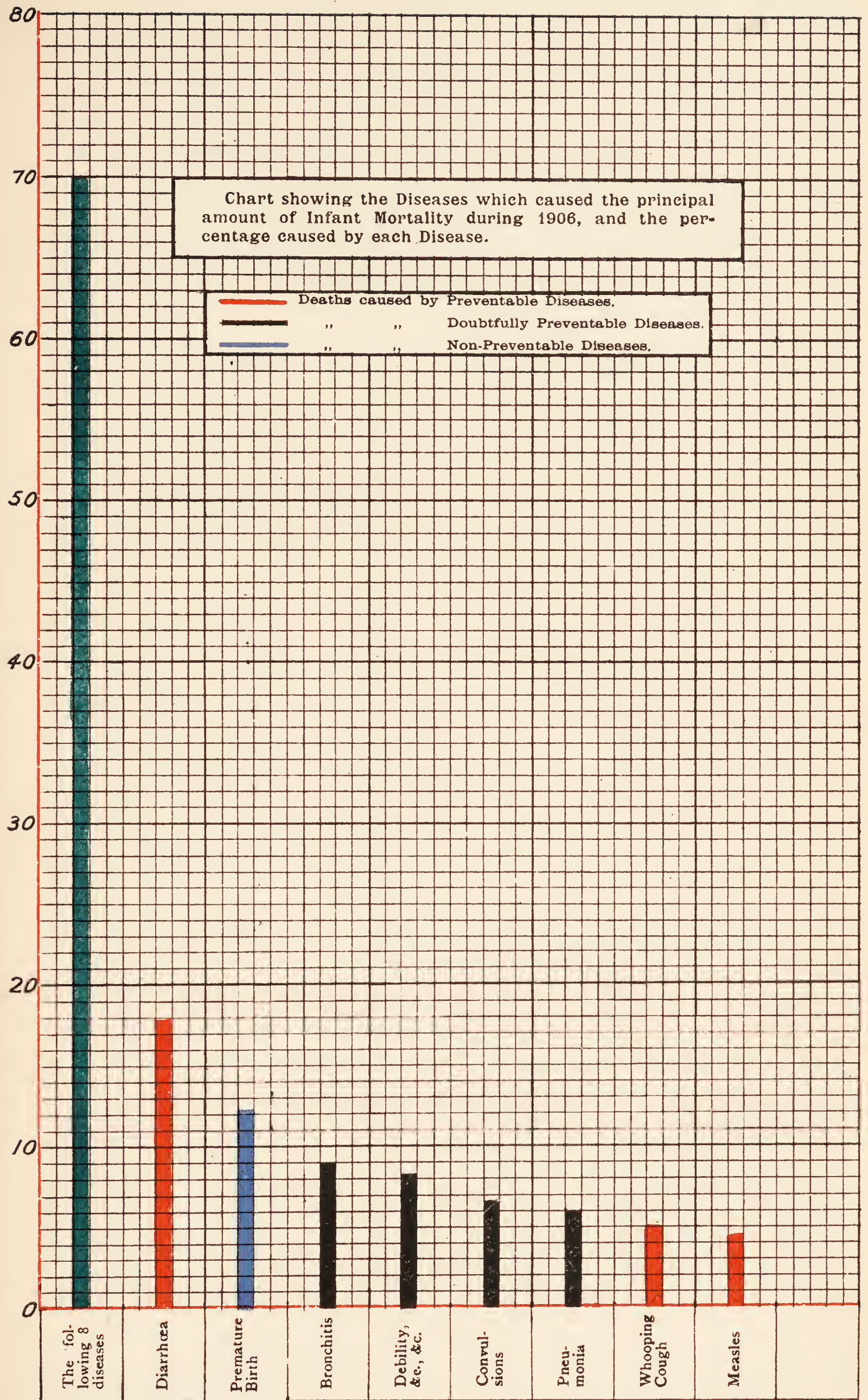
Infantile Mortality.

The Infant Mortality figure for the year was 135, for the preceding year it was 119, and for the 10 years, 1896-1905, was 138. The increase is more than accounted for by epidemics of Diarrhoea, Measles, and Whooping Cough, the first named, as is well known, being dependent upon hot, dry weather, such as occurred at the end of summer.

The accompanying charts are very instructive, and will repay careful examination.

The full report on Infant Mortality referred to previously will contain a complete account of the work which has been going on in the Borough since 1904, and the considerations arising will be duly set forth.





Infantile Mortality, 1906.

34 Large Towns.

Name of Town.	Population.	No. of Births.	No. of Deaths under 1 year.	Rate per 1000 Births registered.
Brighton ...	128,095	2848	315	111
Southampton	117,312	2913	328	113
Derby ...	123,981	3106	357	115
Halifax ...	109,272	2061	238	115
Willesden ...	143,622	4160	491	118
Croydon ...	151,011	3866	492	127
Bristol ...	363,223	9380	1187	127
East Ham ...	129,886	3629	465	128
Portsmouth...	205,118	5870	761	130
Tottenham ...	119,503	3640	474	130
London ...	4,721,217	124880	16307	131
Huddersfield ...	94,862	2301	310	135
Cardiff ...	183,823	5000	690	138
Bolton ...	180,502	4569	639	140
Sunderland ...	154,385	5375	752	140
Wolverhampton	100,729	2761	386	140
South Shields	111,402	3531	521	148
West Ham ...	301,617	9212	1383	150
Leeds ...	463,495	12092	1828	151
Bradford ...	288,544	5936	904	152
Blackburn ...	134,015	3384	527	156
Swansea ...	96,848	3192	501	157
Sheffield ...	447,951	13337	2111	158
Hull... ...	262,426	7807	1247	160
Manchester ...	637,126	18629	3114	167
Leicester ...	232,111	5827	981	168
Birmingham	543,022	16046	2688	168
Nottingham	254,563	6759	1159	171
Liverpool ...	739,180	24128	4145	172
Norwich ...	117,958	3086	532	172
Rhondda ...	127,684	4751	826	174
Stockport ...	99,646	2677	498	186
Preston ...	116,399	3326	662	199
Burnley ...	102,808	2847	603	212

Midwives Act.

There are 37 Certified Midwives in the Borough, and of these only 7 are trained. The remainder are certified under Section 2 of the Midwives Act as having been in *bona fide* practice prior to the passing of the Act.

In addition there are 83 women more or less directly and regularly acting as midwives. Some are monthly nurses, who occasionally act as midwives. Others are in effect midwives, but deny that they ever act as such. They aver that they only attend cases where a medical practitioner is engaged. A common expression on their lips is "Dr. Blank 'follows' me." The system apparently being that they attend at the birth and the medical man visits at a convenient hour—a practice which is unobjectionable in cases where the woman is a certified midwife. Others, again, are midwives pure and simple, having only very small practices. They are in some instances old women, who were advised that it was not worth their while to pay the small fee required for registration on the passing of the Midwives Act.

The following table gives the Population, Births, and Deaths, with the excess of Births over Deaths for the past 35 years:—

Years.	Population.	Births	Deaths.	Excess of Births over Deaths.
1906	94862	2301	1638	663
1905	94899	2256	1605	651
1904	94936	2243	1657	586
1903	94973	2252	1584	668
1902	95010	2354	1710	644
1901	95047	2175	1581	594
1900	95083	2376	1752	624
1899	95120	2374	1671	703
1898	95157	2295	1625	670
1897	95193	2365	1666	699
1896	95230	2096	1712	384
1895	95266	2151	1699	452
1894	95303	1988	1563	425
1893	95340	2311	1695	616
1892	95376	2214	1746	468
1891	95413	2324	2189	135
1890	94253	2167	1804	363
1889	92825	2276	1738	538
1888	91419	2243	1686	557
1887	90034	2487	2063	424
1886	88670	2385	1727	658
1885	87327	2530	1745	785
1884	86004	2576	1707	869
1883	84450	2488	1799	689
1882	83271	2562	1857	705
1881	82113	2567	1665	902
1880	81780	2545	1797	748
1879	80245	2598	1871	727
1878	78900	2759	1733	1026
1877	77600	2705	1735	970
1876	76072	2664	1760	904
1875	75069	2735	1770	965
1874	74150	2571	1585	986
1873	72940	2641	1525	1116
1872	71780	2682	1674	1008

General, Zymotic, Tubercular, and Infantile Mortality.

Table showing the rates of Mortality in Huddersfield for the year 1906 and **each of its quarters**, from all causes, from the seven Zymotic diseases, from all forms of Tuberculosis, and the ratio of the deaths in children under one year, to a thousand births in the same periods, with the corresponding death-rates in the 76 great towns, and similar table for 1905.

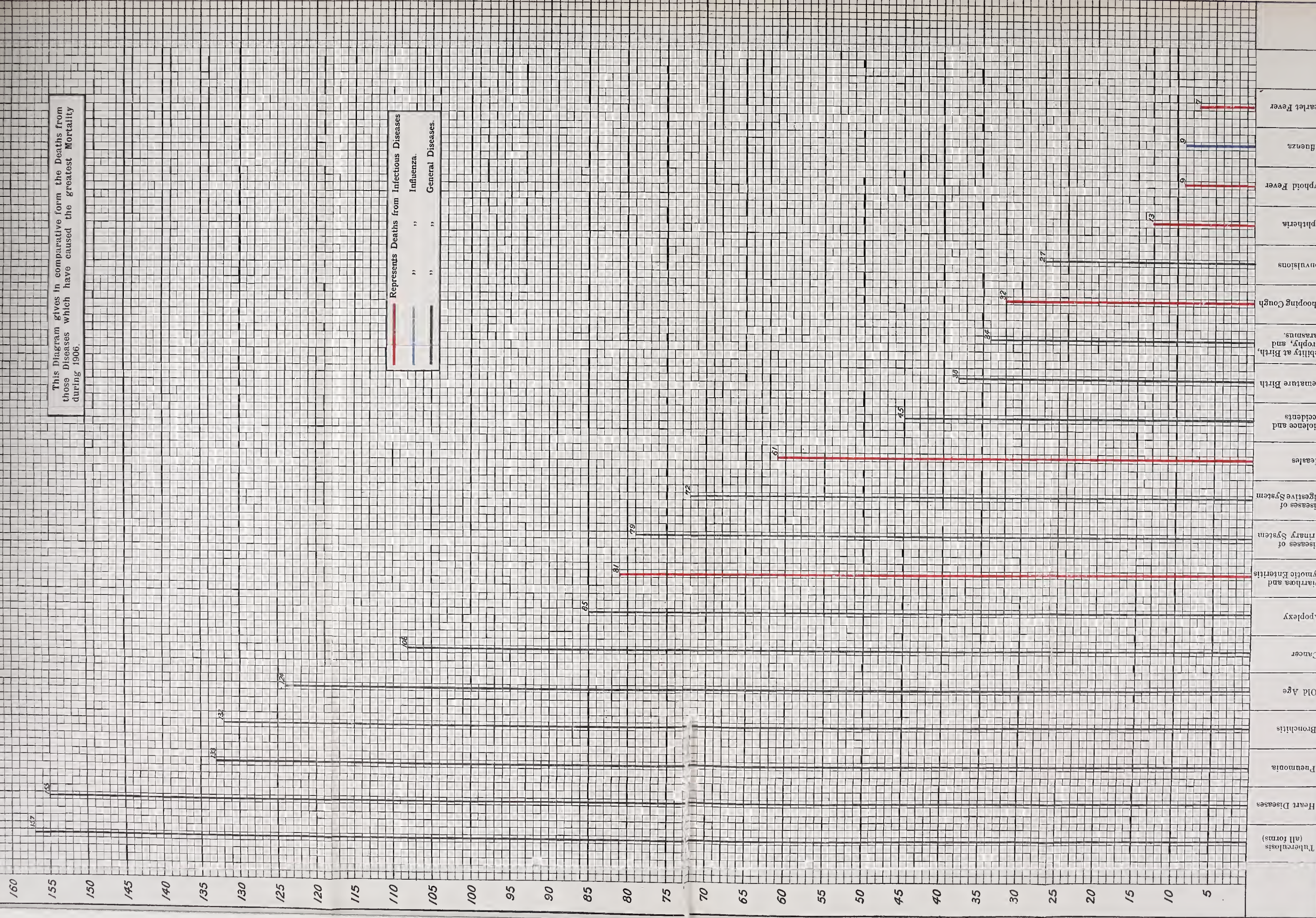
Quarter	HUDDERSFIELD.				76 TOWNS.		
	All Causes.	Seven Zymotics.	Tuberculosis : all forms.	Children under one per 1,000 births.	All Causes.	Seven Zymotics.	Children under 1.
I.	16.50	0.85	1.69	87	16.58	1.38	128
II.	16.54	0.97	1.78	110	14.92	1.45	108
III.	18.62	4.99	1.52	220	16.23	4.43	209
IV.	17.64	1.78	1.65	126	16.22	1.72	138
Year 1906	17.33	2.15	1.66	135	15.99	2.24	145

SIMILAR TABLE FOR 1905.

Quarter.	HUDDERSFIELD.				76 TOWNS.		
	All Causes.	Seven Zymotics.	Tuberculosis : all forms.	Children under one per 1,000 births.	All Causes.	Seven Zymotics.	Children under 1
I.	17.47	0.72	1.69	139	17.26	1.39	127
II.	16.62	0.85	2.07	81	14.70	1.42	112
III.	15.27	1.73	1.90	121	15.20	3.46	186
IV.	18.52	1.23	1.35	140	15.82	1.27	134
Year 1905	16.97	1.13	1.75	119	15.74	1.88	140

This Diagram gives in comparative form the Deaths from those Diseases which have caused the greatest Mortality during 1906.

Represents Deaths from Infectious Diseases
 " " " " Influenza.
 " " " " General Diseases.



Infectious Diseases.

The Zymotic death rate for the year equalled 2.15 per 1,000 persons living at all ages. During 1905 the figure was 1.13, the average for the decennium 1896-1905 being 1.57. The average death rate from Zymotic diseases in the 76 Large Towns during 1906 was 2.24 per 1,000 of the population. A comparison between 1903, 1904, 1905, and 1906, can easily be accomplished by a reference to the following table:—

			1903.		1904.		1905.		1906.
Measles	..	...	0	...	75	...	5	...	61
Scarlet Fever	...	...	15	...	10	...	11	...	7
Diphtheria	...	...	14	...	14	...	11	...	13
Whooping Cough	...	...	16	...	25	...	17	...	32
Typhoid and other Fevers	...	...	8	...	7	...	17	...	9
Zymotic Enteritis	..	...	25	...	49	..	46	...	81
Small Pox	...	...	2	...	1	...	0	...	0
			—		—		—		—
Totals	...	...	80	...	181	...	107	...	203

It will be noted that the increase in the number of deaths as compared with the previous years is due to Zymotic Enteritis, Measles, and Whooping Cough.

Small-Pox.

The Borough was free from small-pox during the year.

Scarlet Fever.

The wave of excessive prevalence of Scarlet Fever commenced to decline early in the year, and continued to do so progressively until the seasonal prevalence made itself felt in the autumn. The numbers, however, were never excessive, and the type continued mild. The attack rate per 1,000 of population fell from 5.10 in 1904 and 5.14 in 1905 to 3.39 in 1906, and the mortality per 1,000 of population from 0.10 and 0.12 in the two first-named years respectively to .07 in 1906.

Notification of Scarlet Fever, first adopted in 1876

Hospital Isolation of Scarlet Fever commenced about same time

Year	Estimated population.	Total No. of Cases notified.	No. under 5 years of age.	Total No. of Deaths registered.	No. of Cases treated in Hospit'l	Attack rate per 1000 population.	Mortality per 1000 population.	Per-centage removed to Hospital.	No. of Deaths in Hospit'l	Notes.
1875	75069	..	..	45	..	..	0·6	..	..	Old reports by M.O. H. state that notification not yet carried out satisfactorily
1876	76072	..	..	83	..	..	1·1	..	..	
1877	77600	128	..	64	81	..	0·8	..	1	
1878	78900	250	..	48	177	..	0·6	..	4	
1879	80245	..	..	90	154	..	1·1	..	12	
1880	81780	138	61	23	30	1·68	0·28	21·73	6	This year the Medical Men without exception notified loyally. (See Annual Report of M.O.H.)
1881	82113	206	71	17	119	2·47	0·21	57·76	7	
1882	83271	184	51	22	119	2·20	0·26	64·67	9	
1883	84450	91	..	7	43	1·07	0·08	45·05	2	
1884	86004	123	..	7	94	1·42	0·08	76·42	2	
1885	87327	251	..	11	185	2·87	0·13	73·70	4	
1886	88670	369	109	33	243	4·16	0·37	65·85	12	
1887	90034	526	144	31	364	5·84	0·35	69·20	17	
1888	91419	326	85	26	233	3·56	0·29	71·47	13	
1889	92825	354	106	26	309	3·81	0·28	87·28	17	
1890	94253	204	48	7	169	2·16	0·07	82·84	5	
1891	95413	341	101	30	296	3·57	0·31	86·80	17	
1892	95376	354	67	18	322	3·71	0·19	90·96	15	
1893	95340	579	129	25	509	6·07	0·26	87·91	17	
1894	95303	462	107	23	397	4·85	0·24	85·93	16	
1895	95266	539	122	20	485	5·66	0·21	89·98	9	
1896	95230	456	103	18	406	4·79	0·19	89·04	11	
1897	95193	658	167	32	608	6·91	0·34	92·40	20	
1898	95157	344	116	10	314	3·61	0·10	91·25	6	
1899	95120	333	66	7	318	3·50	0·07	95·49	5	
1900	95083	294	84	18	268	3·09	0·19	91·16	15	
1901	95047	198	65	6	183	2·08	0·06	92·42	6	
1902	95010	270	65	11	250	2·84	0·11	92·59	10	
1903	94973	244	72	15	230	2·57	0·16	94·26	15	
1904	94936	485	102	10	457	5·10	0·10	94·23	9	
1905	94899	488	117	11	461	5·14	0·12	94·47	8	
1906	94862	322	80	7	287	3·39	0·07	89·13	7	

SCARLET FEVER.

Diagram showing Annual Departure of Prevalence from
the Mean of the Twenty-Six Years, 1881-1906.

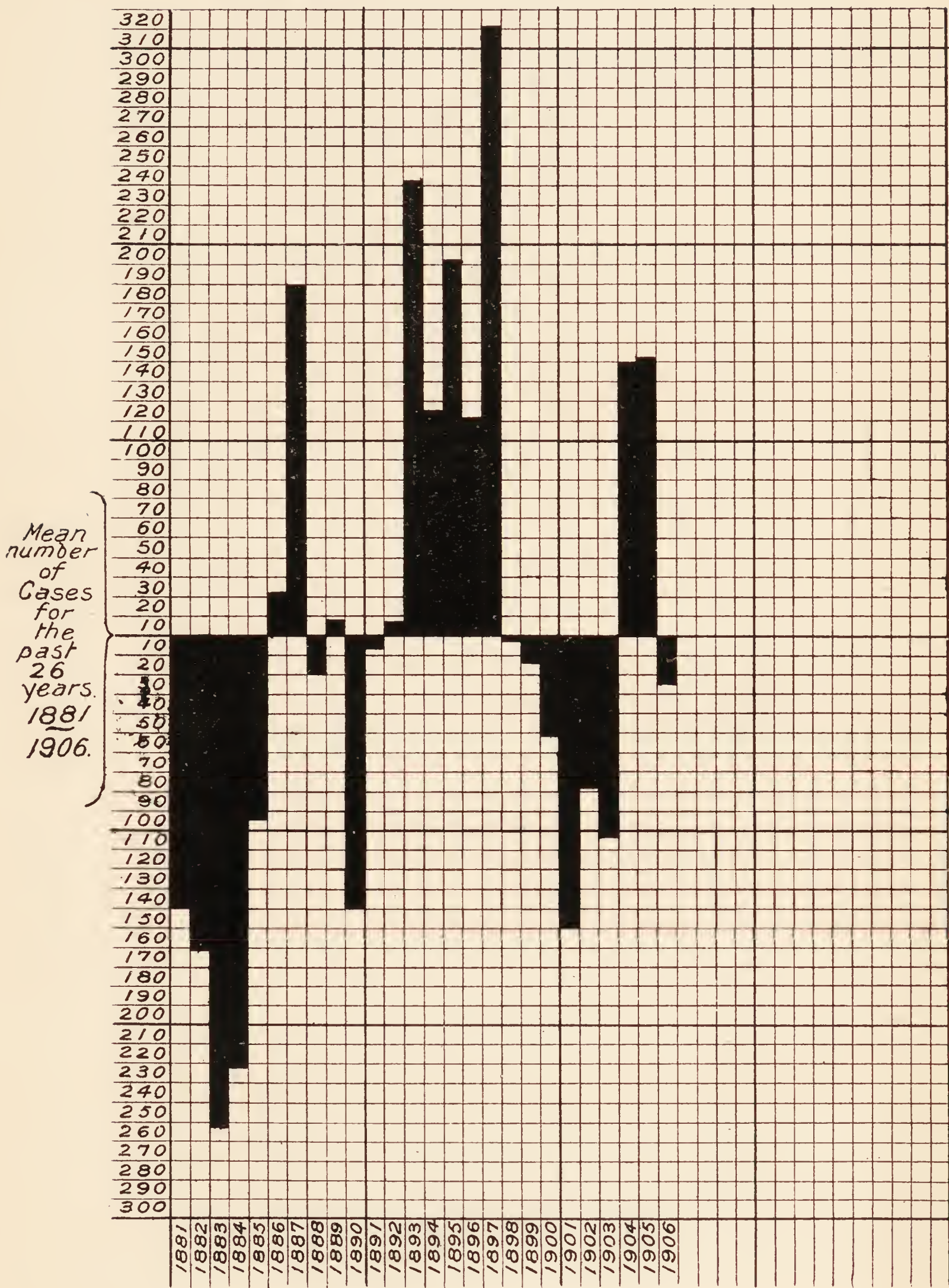


Table shewing the number of cases of **Scarlet Fever** known to have existed in Huddersfield during the years 1895—1906, the number occurring in each quarter of these years, and the deaths registered from the same disease; also the average cases and deaths per quarter in the five years 1895—1899, and 1900—1904.

Quarters.	1895		1896		1897		1898		1899		Averages of five years 1895-1899.		1900		1901		1902		1903		1904		Averages of five years 1900-1904.		1905		1906	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
I.	103	6	94	7	146	5	121	6	79	2	108	5	66	2	25	2	49	.	69	4	78	1	57	2	172	3	97	1
II.	132	6	123	7	152	8	97	2	105	3	122	5	97	6	64	.	56	1	66	5	72	1	71	3	87	1	69	2
III.	149	6	127	3	190	11	76	2	67	1	122	5	68	6	69	4	83	4	60	5	138	2	84	4	87	2	97	1
IV.	155	2	112	2	170	9	50	.	82	1	114	3	63	5	40	.	82	6	49	1	197	6	86	3	142	5	59	3
Year.	539	20	456	19	658	33	344	10	333	7	466	18	294	19	198	6	270	11	244	15	485	10	298	12	488	11	322	7

Typhoid Fever.

The position of affairs relative to this disease continues to be unsatisfactory. The number of cases rose from 37 in 1903, 61 in 1904, and 72 in 1905 to 75 during 1906.

The average of the five years 1895-1899 was 68, and for the five years 1900-1904 was 52.

The case mortality, i.e., the number of deaths per 100 cases for the year under review, was, however, very satisfactory, amounting to 12, compared with 23.6 in the previous year and 20.6 for the years 1895-1899 and 21.1 for the five years 1900-1904.

Table shewing the number of cases of **Typhoid Fever** known to have existed in Huddersfield during the years 1895—1906, shewing the number occurring in each quarter of these years, and the deaths registered from the same disease, also the average cases and deaths per quarter in the five years 1895—1899, and 1900—1904.

Quarters.	1895		1896		1897		1898		1899		Averages of five years 1895-1899.		1900		1901		1902		1903		1904		Averages of five years 1900-1904.		1905		1906	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
I.	1	...	5	...	8	4	14	2	10	3	7	2	9	3	4	1	8	1	8	3	9	1	8	2	10	4	11	3
II.	13	3	15	2	6	1	6	1	8	5	10	2	15	5	14	...	3	2	5	...	5	1	8	1	7	4	7	...
III.	19	2	33	7	14	1	29	4	29	10	25	5	13	6	30	10	7	...	10	1	26	1	17	4	31	6	25	3
IV.	27	1	17	4	36	10	28	3	22	6	26	5	16	6	37	7	8	2	14	3	21	4	19	4	24	3	32	3
Year.	60	6	70	13	64	16	77	10	69	24	68	14	53	20	85	18	26	5	37	7	61	7	52	11	72	17	75	9

Diphtheria.

The total number of cases of Diphtheria during the year amounted to 64, greater than any year since 1883 with the exceptions of the years 1887 and 1903, for which years the numbers were 83 and 79 respectively.

The total mortality was 20.3 per cent. Thirty-nine cases were treated at home, with a mortality of 25.6 per cent, and 25 were removed to Hospital. Among these latter the mortality was 12 per cent.

Diarrhœa.

(Zymotic or Epidemic Inflammation of the Bowels).

The number of deaths amounted to 81, of which 56 occurred among infants less than a year old, 18 among children between 1 and 5 years, only 2 in persons between 25 and 65, and 5 among persons of greater age than 65 years.

The total number of deaths during the preceding year amounted to 46 only, and during 1904 to 49.

The great excess during 1906 occurred during the first year of life. This is a phenomenon which is observed during every summer when the meteorological conditions are favourable.

Tuberculosis.

In the report for 1905 this disease was dealt with at some length, and the Council determined to apply for compulsory notification of Pulmonary Tuberculosis in the Borough. Owing to the opposition of the medical practitioners, however, the proposition was abandoned. It was understood at the time that in the event of the Corporation abandoning the compulsory clause in their Bill in this relation, that the medical practitioners would voluntarily notify any cases which might appear to be suitable for assistance by the Public Health Department. No such cases appear to have occurred during the year 1906.

The number of deaths from the disease in the Borough during the year was 157, giving a death rate per 1,000 of the population of 1.66.

It is disappointing to find that in Huddersfield the death rate from Consumption has been stationary during the last three years. Having regard to the general prosperity in the Borough, to the continued dissemination of information, and to the specific measures undertaken against this disease in the way of disinfection, it might have been anticipated that the diminution observed for several decades would have continued. It cannot be too frequently insisted upon that Consumption is a disease dependent upon general sanitation. In localities where, as the result of efficient drainage, the subsoil is maintained free from organic contamination and from overloading with subsoil water, where the interiors of dwellings are protected from contamination with emanations from decomposing organic matter, whether derived from improper sanitary fittings or other sources, and where an abundant supply of pure air is admitted to the interior of dwellings, the death rate from Consumption shows the greatest decline. It therefore behoves everyone interested sympathetically in efforts against this particular disease to lend their aid in the promotion of sound public opinion on matters of sanitation generally as well as on the more specially directed efforts.

One hundred and sixty-five visits have been paid to houses where deaths from Tuberculosis have occurred during the year.

Among the 157 deaths it was found that in 67 families deaths from the disease had previously occurred, this:—

In 35 families 1 death had previously occurred.

„ 17	„ 2	„ „ „
„ 4	„ 3	„ „ „
„ 3	„ 4	„ „ „
„ 1	„ 5	„ „ „
„ 1	„ 6	„ „ „
„ 3	„ 7	„ „ „
„ 2	„ 8	„ „ „
„ 1	„ 11	„ „ „

In the 1st quarter there were 40 deaths

„	2nd	„	„	42	„
„	3rd	„	„	36	„
„	4th	„	„	39	„

The tabular statement below shows the number of deaths which occurred from Tuberculosis in houses containing 1, 2, 3, 4, 5, and over 5 rooms, and also the number of deaths which occurred in the Infirmary, Sanatorium, and Workhouses during 1906:—

3 deaths occurred in 1 roomed houses

27	„	„	2	„
51	„	„	3	„
28	„	„	4	„
21	„	„	5	„
9	„	„	houses with over 5 rooms	
5	„	„	Infirmary	
2	„	„	Sanatorium	
11	„	„	Workhouses	

OCCUPATIONS OF PERSONS DYING FROM TUBERCULAR DISEASES.

			Males.	Females.	Total.
Woollen Millhands	...	...	19	14	33
Cotton Millhands	...	...	1	3	4
Domestic Occupation	...	...	—	15	15
Clerks, Teachers, etc.	...	...	3	3	6
Children at home	...	..	16	6	22
Children attending school	...		5	3	8
Teamers, Grooms, etc.	...	...	7	—	7
Labourers	...	...	12	—	12
Tailors, Tailoresses, etc.	...		2	3	5
Masons, Miners, etc.	...	...	7	—	7
Stokers	...	...	3	—	3
Mechanics, Wheelwrights, etc....			6	—	6
Farmers, etc.	...	...	2	—	2
Painters	...	...	2	—	2
Rug Weaver	...	...	—	1	1
Shopkeepers, Butchers	...	...	3	—	3
Printers, etc.	...	...	3	—	3
Postmen	...	...	2	—	2
No occupation stated	...	...	4	12	16
			—	—	—
Totals	...	...	97	60	157

CHART 1.—Comparison of Various Death Rates from 1870-1906.

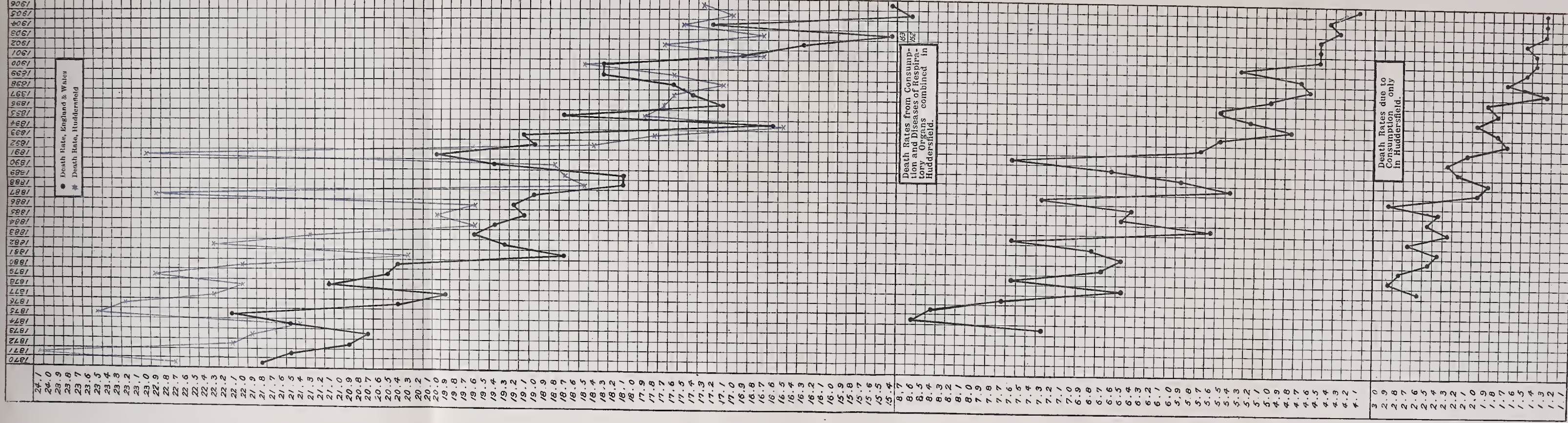
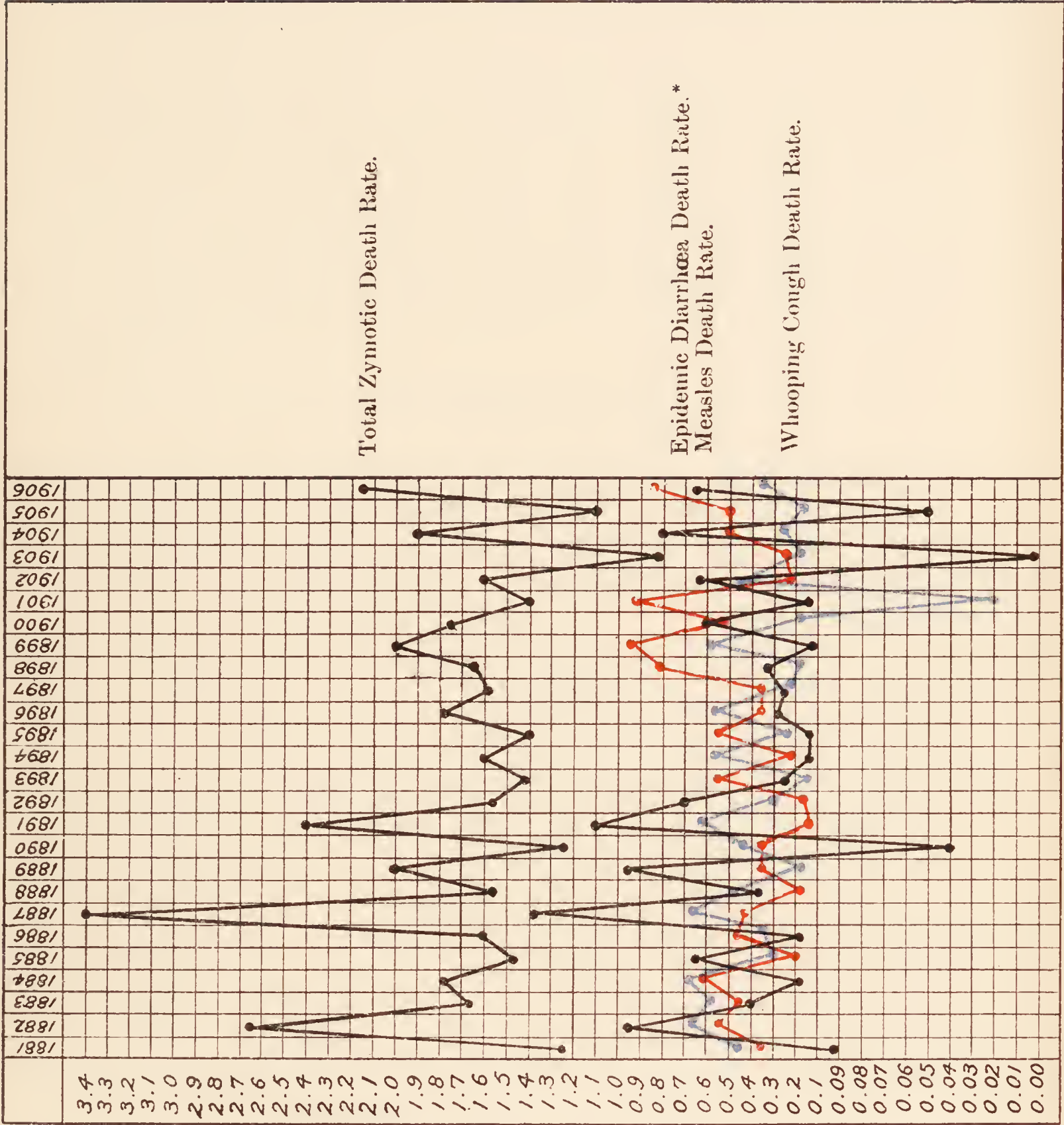


CHART II.—Comparison of Death Rates of Zymotic Diseases.



* In 1901, 1902, 1903, 1904, 1905, and 1906 Epidemic and Zymotic Enteritis are included.

Measles and German Measles.

During the year 2,566 cases of Measles were notified to the Department. The following table shows the age distribution of the disease:—

Under 1 year.	1 to 5 years.	5 to 15 years.	15 to 25 years.	25 to 65 years
162	1427	941	24	12

The deaths numbered 61, giving a case mortality of 2.4, comparing with a case mortality of 2.6 and 1.9 for 1904 and 1905 respectively.

Whooping Cough.

This disease caused more deaths than during any year since 1902, the mortality per 1000 of population for the years 1902-3 4-5-6 being .48, .17, .26, .18, and .34 respectively. All the deaths occurred in children under 5 years of age, 16 of them being in infants under the age of 1 year.

Influenza.

The deaths ascribed to this disease during the year numbered 9 only, and compare favourably with 12, the number of deaths in 1905, and with 11, the average for the five years 1901-1905.

Septic Diseases.

There were 10 deaths from this class of disease during 1906, made up of:—

Erysipelas	...	...	...	...	1
Puerperal Fever	...	...	...	...	3
Pyæmia and Septicæmia	...	...	...	...	3
Other Septic Diseases	...	...	...	...	3

Other Infectious Diseases.

Plague, Cholera, Typhus Fever, Cerebro-spinal Meningitis (Spotted Fever) were absent from the Borough during 1906.

Table shewing the number of cases of Infectious Diseases notified and deaths therefrom in the whole of the Borough, during the period 1883=1906.

YEAR.	Estimated Population.	Small-pox Cases.	Deaths.	Scarlet Fever Cases.	Deaths.	Diphtheria Cases.	Deaths.	Typhus Fever Cases.	Deaths.	Enteric Fever Cases	Deaths
1883	84450	1	...	91	7	8	3	...	...	41	13
1884	86004	...	...	123	7	8	4	...	...	87	12
1885	87327	3	...	251	11	4	4	...	...	66	10
1886	88670	39	...	369	33	29	12	...	...	45	12
1887	90034	...	...	526	31	83	41	...	...	48	9
1888	91419	15	2	326	26	40	14	...	...	56	12
1889	92825	...	...	354	26	40	12	...	..	50	10
1890	94253	5	1	204	7	21	5	1	...	62	24
1891	95413	...	...	341	30	19	5	..	...	38	15
1892	95376	16	1	354	18	21	7	...	..	22	6
1893	95340	48	2	579	25	13	3	...	..	57	13
1894	95303	5	..	462	23	36	27	1	...	31	11
1895	95266	..	...	539	20	34	19	...	...	60	6
1896	95230	1	...	456	19	43	26	...	...	70	13
1897	95193	...	.	658	33	56	21	1	...	64	16
1898	95157	2	...	344	10	46	14	...	...	77	10
1899	95120	...	...	333	7	26	5	...	...	69	24
1900	95083	...	...	294	19	14	2	...	...	53	20
1901	95047	...	...	198	6	24	6	...	...	85	18
1902	95010	13	1	270	11	37	15	...	...	26	5
1903	94973	53	2	244	15	79	14	...	...	37	7
1904	94936	39	1	485	10	60	14	..	...	61	7
1905	94899	2	...	488	11	45	11	...	...	72	17
1906	94862	...	..	322	7	64	13	...	...	75	9

Table shewing the number of cases of Diphtheria, Measles, Scarlet and Typhoid Fevers reported, treated at Home or in Hospital, with the respective case mortality during the years 1893-1906.

Year.	Disease.	Total.	Home Cases.	Hospital Cases.	Case Mortality per cent.	
					Home.	Hospital.
1893	Scarlet Fever ...	579	70	509	11·4	3·3
1894	"	462	65	397	10·8	4·0
1895	"	539	54	485	20·4	1·9
1896	"	456	50	406	14·0	2·7
1897	"	658	50	608	24·0	3·3
1898	"	344	30	314	13·3	1·9
1899	"	333	15	318	13·3	1·6
1900	"	294	26	268	11·5	5·6
1901	"	198	15	183	0	3·3
1902	"	270	20	250	5·0	4·0
1903	"	244	14	230	0	6·5
1904	"	485	28	457	3·6	1·9
1905	"	488	27	461	11·1	1·7
1906	"	322	35	287	0	2·4
1893	Typhoid Fever...	57	47	10	21·3	10·0
1894	"	31	26	5	38·5	20·0
1895	"	60	49	11	10·2	9·1
1896	"	70	52	18	23·1	5·6
1897	"	64	40	24	25·0	25·0
1898	"	77	30	47	20·0	8·5
1899	"	69	21	48	52·4	22·9
1900	"	53	20	33	50·0	27·3
1901	"	85	23	62	30·4	17·7
1902	"	26	9	17	44·4	5·9
1903	"	37	9	28	22·2	17·9
1904	"	61	10	51	10·0	11·8
1905	"	72	16	56	50·0	16·1
1906	"	75	7	68	42·9	8·8
1900	Diphtheria	14	7	7	28·6	0
1901	"	24	17	7	23·5	28·6
1902	"	37	22	15	54·5	20·0
1903	"	79	13	66	53·8	10·6
1904	"	60	30	30	30·0	16·7
1905	"	45	41	4	26·8	0
1906	"	64	39	25	25·6	12·0
1899	Measles and Rotheln	305	223	82	4·9	0
1900	"	2099	1640	459	2·9	2·4
1901	"	779	773	6	1·7	0
1902	"	2325	2319	6	2·4	16·7
1903	"	70	69	1	0	0
1904	"	2875	2871	4	2·6	0
1905	"	257	257	0	1·9	0
1906	"	2566	2556	10	2·4	0

STREET LIST.

Arranged under the heading of each Infectious Disease.

Deaths which occurred at the Sanatorium are allocated to the addresses from which the cases were notified.

PLACE OF DEATH.				DISTRICT.		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric.	Diarrhoea.
1	Alfred Street	..	..	..	Central	..	..	..	..	..	..	1
2	Bradford Road	..	..	..	"	..	..	..	..	..	..	1
3	"	..	..	..	"	..	..	..	..	..	..	1
4	Bradley Lane	..	..	..	"	..	1	..	..	..	..	..
5	Bradley Street South	..	..	..	"	..	..	..	..	1	..	..
6	Castlegate	..	..	..	"	..	..	..	..	1	..	..
7	"	..	..	..	"	..	..	..	..	1	..	..
8	"	..	..	..	"	..	..	..	..	..	..	1
9	"	..	..	..	"	..	1	..	..	..	..	..
10	"	..	..	..	"	..	..	..	..	..	..	1
11	"	..	..	..	"	..	..	..	..	..	..	1
12	"	..	..	..	"	..	..	..	..	..	..	1
13	"	..	..	..	"	..	..	..	..	..	..	1
14	"	..	..	..	"	..	..	..	..	..	..	1
15	"	..	..	..	"	..	..	..	..	..	..	1
16	"	..	..	..	"	..	..	..	..	..	..	1
17	"	..	..	..	"	..	..	..	..	..	..	1
18	"	..	..	..	"	..	..	..	..	..	..	1
19	Chapel Hill	..	..	..	"	..	1	..	..	..	..	..
20	"	..	..	..	"	..	..	..	..	..	..	1
21	Dale Street	..	..	..	"	..	..	..	..	..	..	1
22	Denton Lane	..	..	..	"	..	..	..	..	..	..	1
23	Dock Street	..	..	..	"	..	..	..	..	..	..	1
24	"	..	..	..	"	..	..	..	..	..	..	1
25	"	..	..	..	"	..	1	..	..	..	..	..
26	"	..	..	..	"	..	1	..	..	..	..	..
27	Duke Street	..	..	..	"	..	..	..	..	..	..	1
28	"	..	..	..	"	..	1	..	..	..	..	..
29	Fountain Street	..	..	..	"	..	1	..	..	..	..	..
30	Great Northern Street	..	..	..	"	..	1	..	..	..	..	..
31	Grove Street	..	..	..	"	..	1	..	..	..	..	..
32	Hawk, Street	..	..	..	"	..	1	..	..	..	..	..
33	"	..	..	..	"	..	1	..	..	..	..	..
34	Hillhouse Lane	..	..	..	"	..	..	..	..	..	..	1
35	Kings Bridge Road	..	..	..	"	..	..	..	..	..	..	1
36	Kirkgate	..	..	..	"	..	..	..	..	1	..	..
37	"	..	..	..	"	..	..	..	..	..	..	1
38	Leeds Road	..	..	..	"	..	..	..	..	..	..	1
39	Lily Street, Turnbridge	..	..	..	"	..	..	..	..	..	..	1
40	Longroyd Bridge	..	..	..	"	..	1	..	..	..	..	..
41	"	..	..	..	"	..	..	..	..	1	..	..

STREET LIST—Continued.

PLACE OF DEATH.				DISTRICT.		Small pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric.	Diarrhoea.
42	Longroyd Place	..	..	..	Central	..	1	..	..	..	..	..
43	Lowerhead Row	..	..	..	"	..	1	..	..	..	..	1
44	Manchester Road	..	..	..	"	..	1	..	..	..	..	..
45	"	..	..	..	"	..	1	..	..	..	..	..
46	"	..	..	..	"	..	..	..	..	..	..	1
47	"	..	..	..	"	..	..	..	..	..	..	1
48	Manchester Street	..	..	..	"	..	1	..	..	..	..	..
49	"	..	..	..	"	..	..	..	..	..	..	1
50	Milford Street	..	..	..	"	..	..	..	..	..	..	1
51	Newtown	..	..	..	"	..	1	..	..	..	..	..
52	Northgate	..	..	..	"	..	1	..	..	..	..	..
53	"	..	..	..	"	..	..	..	..	..	..	1
54	"	..	..	..	"	..	..	..	..	..	..	1
55	"	..	..	..	"	..	..	..	..	..	..	1
56	"	..	..	..	"	..	..	..	..	..	..	1
57	"	..	..	..	"	..	1	..	..	..	..	..
58	Northumberland Street	..	..	..	"	..	1	..	..	..	..	..
59	"	..	..	..	"	..	1	..	..	..	..	..
60	"	..	..	..	"	..	..	..	..	..	..	1
61	Outcote Bank	..	..	..	"	..	1	..	..	..	..	..
62	"	..	..	..	"	..	1	..	..	..	..	..
63	"	..	..	..	"	..	1	..	..	..	..	..
64	"	..	..	..	"	..	..	..	..	..	..	1
65	"	..	..	..	"	..	..	..	..	..	..	1
66	Primitive Street	..	..	..	"	..	1	..	..	..	..	..
67	Prospect Street	..	..	..	"	..	..	..	..	1	..	..
68	"	..	..	..	"	..	1	..	..	..	..	..
69	Quay Street	..	..	..	"	..	1	..	..	..	..	..
70	Rosemary Lane	..	..	..	"	..	..	..	..	1	..	..
71	Saint Andrew's Road	..	..	..	"	..	..	..	..	1	..	..
72	Saint Thomas' Road	..	..	..	"	..	..	..	..	..	..	1
73	Sand Street	..	..	..	"	..	..	..	..	..	..	1
74	"	..	..	..	"	..	..	..	..	..	..	1
75	Seed Hill	..	..	..	"	..	..	..	..	..	..	1
76	Shore Head	..	..	..	"	..	..	..	..	..	..	1
77	South Parade	..	..	..	"	..	..	..	..	1	..	..
78	"	..	..	..	"	..	..	..	..	1	..	..
79	South Street	..	..	..	"	..	..	..	..	1	..	..
80	Spring Street	..	..	..	"	..	..	..	..	..	..	1
81	Swallow Street	..	..	..	"	..	..	1	..	..	..	..
82	Thomas Street	..	..	..	"	..	..	..	..	1	..	..
83	"	..	..	..	"	..	..	..	..	1	..	..
84	"	..	..	..	"	..	1	..	..	..	..	..
85	"	..	..	..	"	..	1	..	..	..	..	..
86	"	..	..	..	"	..	..	..	..	..	..	1
87	"	..	..	..	"	..	1	..	..	..	..	..

STREET LIST—Continued.

PLACE OF DEATH.				DISTRICT.		Small pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric.	Diarrhoea.
88	Thomas Street	..	..	..	Central	..	..	..	..	..	..	1
89	"	..	..	..	"	..	..	1	..	..	..	..
90	Upperhead Row	..	..	..	"	..	..	1	..	..	..	..
91	Victoria Lane	..	..	..	"	..	..	..	1	..	..	..
92	Water Lane	..	..	..	"	..	..	1	..	..	..	..
93	Westgate	..	..	..	"	..	..	1	..	..	..	..
94	York Street	..	..	..	"	..	..	1	..	..	..	..
95	"	..	..	..	"	..	..	1	..	..	..	..
96	Sanatorium	..	..	..	"	..	..	..	1	..	..	..
97	"	..	..	..	"	..	..	1	..	..	..	..
98	"	..	..	..	"	..	..	..	..	..	1	..
99	"	..	..	..	"	..	..	..	..	..	1	..
100	"	..	..	..	"	..	..	1	..	..	..	..
101	"	..	..	..	"	..	..	1	..	..	..	..
1	Brow Road, Paddock	..	..	..	Marsh	..	..	..	..	..	..	1
2	Gledholt Bank	..	..	..	"	..	..	..	..	1	..	..
3	Hill Terrace, Paddock	..	..	..	"	..	..	..	..	1	..	..
4	Longroyd Bridge	..	..	..	"	..	..	..	1	..	..	..
5	"	..	..	..	"	..	..	..	..	1	..	..
6	Longroyd Lane	..	..	..	"	..	..	1	..	..	..	..
7	"	..	..	..	"	..	..	..	..	..	..	1
8	Luck Lane	..	..	..	"	..	..	..	1	..	..	..
9	Shires Hill	..	..	..	"	..	..	..	..	..	..	1
10	Upper Brow Road	..	..	..	"	..	..	..	..	..	..	1
11	Wren Street, Paddeck	..	..	..	"	..	..	..	..	..	..	1
1	Blacker Road	..	..	..	Fartown	..	..	..	..	..	..	1
2	Brackenhall Road	..	..	..	"	..	..	..	..	1	..	..
3	"	..	..	..	"	..	..	..	..	1	..	..
4	Chestnut Street	..	..	..	"	..	..	..	..	..	..	1
5	Cowcliffe Hill	..	..	..	"	..	..	1	..	..	..	..
6	Folly Road	..	..	..	"	..	..	..	..	..	..	1
7	Netheroyd Hill Road	..	..	..	"	..	..	..	..	1	..	..
8	Sheepridge Road	..	..	..	"	..	..	..	..	..	..	1
9	Storthes Road	..	..	..	"	..	..	..	1	..	..	..
10	Wasp Nest Road	..	..	..	"	..	..	1	..	..	..	..
11	Whitestone Road	..	..	..	"	..	..	..	..	..	..	1
1	Salatorium	..	..	..	Deighton & Bradley	..	..	..	..	..	1	..
1	Bankfield Road	..	..	..	Dalton	..	..	1	..	..	..	..

STREET LIST—Continued.

PLACE OF DEATH.				DISTRICT.	Small pox.	Measles.	Scarlet Fever	Diphtheria.	Whooping Cough	Enteric.	Diarrhoea.
2	Boocock's Yard	..	..	Dalton	..	..	..	..	..	..	1
3	Dalton Fold	..	..	"	..	1	..	..	..	..	..
4	Dalton Green	..	..	"	..	..	..	..	1	..	..
5	Kilner Bank	..	..	"	..	1	..	..	..	..	..
6	"	..	..	"	..	1	..	..	..	..	..
7	"	..	..	"	..	..	..	..	..	..	1
8	"	..	..	"	..	..	..	..	..	..	1
9	Nab Hill	..	..	"	..	..	..	1	..	..	..
10	Storthes	..	..	"	..	..	..	..	..	1	..
11	Tolson's Bottom	..	..	"	..	..	..	..	..	..	1
12	Victoria Place	..	..	"	..	..	..	..	..	..	1
13	West Place	..	..	"	..	..	..	..	..	..	1
14	Sanatorium	..	..	"	..	..	1	..	..	..	..
1	Armitage Street	..	..	Almondbury	..	..	..	..	1	..	..
2	Ashenhurst	..	..	"	..	1	..	..	..	..	..
3	Back Lane, Berry Brow	..	..	"	..	..	..	..	..	..	1
4	Birch Street	"	..	"	..	..	..	1	..	..	..
5	Common	..	..	"	..	..	..	..	1	..	..
6	Cross Lane	..	..	"	..	1	..	..	..	..	..
7	"	..	..	"	..	..	..	..	..	..	1
8	Lockwood Scar	..	..	"	..	1	..	..	..	..	..
9	Mulberry Street	..	..	"	..	..	..	..	..	..	1
10	"	..	..	"	..	..	..	..	..	..	1
11	"	..	..	"	..	..	..	..	..	..	1
12	Newsome Cross	..	..	"	..	..	..	..	1	..	..
13	Newsome Road	..	..	"	..	1	..	..	..	..	..
14	Riley Street	..	..	"	..	..	..	..	..	..	1
15	Salford	..	..	"	..	1	..	..	..	..	..
16	Stoney Lane	..	..	"	..	..	..	..	..	..	1
17	Taylor Hill Road	..	..	"	..	1	..	..	..	..	..
18	Waterside	..	..	"	..	1	..	..	..	..	..
19	"	..	..	"	..	..	..	..	..	..	1
20	Whithead Lane	..	..	"	..	1	..	..	..	..	..
21	Sanatorium	..	..	"	..	..	1	..	..	..	..
1	Albert Street	..	..	Lockwood	..	..	..	..	..	..	1
2	"	..	..	"	..	1	..	..	..	..	..
3	"	..	..	"	..	1	..	..	..	..	..
4	"	..	..	"	..	..	..	..	1	..	..
5	Back Albert Street	..	..	"	..	..	..	..	1	..	..
6	Barton Road	..	..	"	..	..	..	..	1	..	..
7	Blackmoorfoot Road	..	..	"	..	1	..	..	..	..	..
8	Charles Street	..	..	"	..	..	..	..	..	..	1

STREET LIST—Continued,

PLACE OF DEATH.				DISTRICT.		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric.	Diarrhoea.
9	College Street	..	..	..	Lockwood	..	..	..	..	..	..	1
10	Lockwood Road	..	..	..	"	..	1	..	..	..	..	..
11	"	..	..	..	"	..	..	..	..	..	..	1
12	"	..	..	..	"	..	..	..	..	..	..	1
13	Marsden Road	..	..	..	"	..	1	..	..	..	..	..
14	"	..	..	..	"	..	1	..	..	..	..	..
15	Meltham Road	..	..	..	"	..	..	..	..	1	..	..
16	"	..	..	..	"	..	..	..	..	1	..	..
17	Rashcliffe	..	..	..	"	..	..	..	..	..	1	..
18	"	..	..	..	"	..	..	..	..	1	..	..
19	"	..	..	..	"	..	..	..	..	..	..	1
20	Springdale Street	..	..	..	"	..	..	..	..	1	..	..
21	Victoria Road	..	..	..	"	..	..	..	..	..	..	1
22	Victoria Street	..	..	..	"	..	1	..	..	..	..	..
23	"	..	..	..	"	..	..	..	..	..	..	1
24	Woodfield Road	..	..	..	"	..	1	..	..	..	..	..
25	Yew Green Road	..	..	..	"	..	..	..	1	..	..	..
26	"	..	..	..	"	..	..	1	..	..	..	..
27	Yews Hill Road	..	..	..	"	..	1	..	..	..	..	..
28	Sanatorium	..	..	..	"	..	..	..	..	..	1	..
29	"	..	..	..	"	..	..	..	1	..	..	..
30	"	..	..	..	"	..	..	..	1	..	..	..
31	"	..	..	..	"	..	..	..	..	..	1	..
32	"	..	..	..	"	..	..	1	..	..	..	..
33	Workhouse	..	..	..	"	..	..	..	..	..	..	1
1	Acre Street	..	..	..	Lindley	..	..	..	..	..	..	1
2	Back Union Street	..	..	..	"	..	..	..	..	1	..	..
3	Cliffe End Road	..	..	..	"	..	..	..	..	..	1	..
4	Dearne Fold	..	..	..	"	..	..	..	..	..	..	1
5	Quarmby Road	..	..	..	"	..	1	..	..	..	..	..
6	West Street	..	..	..	"	..	..	..	..	..	..	1
1	Armitage Road	..	..	..	Longwood	..	..	..	1	..	..	..
2	Green Edge	..	..	..	"	..	..	..	..	..	..	1
3	Percival Street	..	..	..	"	..	..	..	1	..	..	..
4	Royds Hall	..	..	..	"	..	..	..	..	1	..	..
5	Sanatorium	..	..	..	"	..	..	..	..	..	1	..

Cancer and Malignant Diseases.

These diseases have caused 108 deaths, as will be seen from the subjoined table, which shows the number of deaths and death-rates since 1881.

Mortality from Cancer and Malignant Diseases.

Year.	Population.	Number of Deaths from Cancer.	Death Rate per 1,000 of the Population.
1881	82,113	26	0.32
1882	83,271	32	0.51
1883	84,450	48	0.57
1884	86,004	57	0.67
1885	87,327	54	0.62
1886	88,670	50	0.57
1887	90,034	57	0.63
1888	91,419	70	0.77
1889	92,825	58	0.62
1890	94,253	75	0.79
1891	95,413	78	0.82
1892	95,376	75	0.79
1893	95,340	80	0.84
1894	95,303	82	0.86
1895	95,266	95	1.00
1896	95,230	88	0.91
1897	95,193	94	0.99
1898	95,157	80	0.84
1899	95,120	70	0.74
1900	95,083	95	1.00
1901	95,047	107	1.13
1902	95,010	93	0.96
1903	94,973	89	0.94
1904	94,936	97	1.03
1905	94,899	94	0.99
1906	94,862	108	1.14

Dietic Diseases.—Six deaths resulted from diseases falling under this classification, being 1 less than the number for 1905. Of the 6 deaths, alcoholism accounted for 4.

Constitutional Diseases caused 134 deaths, and included 108 Cancer, 16 Diabetes Mellitus, Anaemia 4, and Rheumatoid Arthritis, Gout, and Lymphadenoma 2 each.

Developmental Diseases.—The deaths from this class of disease totalled 246, as compared with 229 last year. The number is made up as follows:—Old Age 124, Premature Birth 38, Atrophy, Debility, and Marasmus 27, Atelectasis 18, Congenital Defects and Dentition 11 each, Debility at Birth and Rickets 7 each, Injury at Birth 2, and Want of Breast Milk 1.

Bacteriological Laboratory.

The aid to diagnosis afforded by the bacterioscopic methods provided by the Sanitary Authority gratuitously, is very largely availed of by the medical practitioners in the Borough where suspicious cases of Typhoid Fever and Diphtheria are concerned. The Poor-law Authorities avail themselves of this assistance in cases of suspected Tuberculosis in destitute persons under their care. But the fact must again be placed on record that the medical gentlemen practising in the Borough do not seek this assistance for their patients suffering from incipient consumption.

Hospitals.

On the 30th December, 1905, there were in Hospital 39 cases of Scarlet Fever, and 4 cases of Typhoid Fever. The admissions during 1906 were 289 cases of Scarlet Fever, 68 cases of Typhoid Fever, 28 cases of Diphtheria, 10 cases of Measles, and 4 Doubtful cases, total 399. The discharges were 296 cases of Scarlet Fever, 51 cases of Typhoid Fever, 21 cases of Diphtheria, 10 cases of Measles, and 1 Doubtful case. The deaths occurring during the year were 9 Typhoid cases, 7 Scarlet cases, 4 Diphtheria cases, and 3 Doubtful cases, total 23. At the end of 1906 the cases under treatment at the Hospitals were 25 Scarlet Fever, 12 Typhoid Fever, and 3 Diphtheria, total 40.

The following is the Report of Patients in the Hospital for 52 Weeks
ended 29th December, 1906.

	Measles	Scarlet Fever	Diphtheria	Enteric, or Typhoid Fever	Doubtful	Total
Number in hospital on Saturday, 30th December, 1905	...	39	...	4	...	43
Number since admitted	10	289	28	68	4	399
Number discharged	10	296	21	51	1	379
Number Died	...	7	4	9	3	23
Number remaining in hospital	...	25	3	12	...	40

This Table includes all cases admitted into the Sanatorium during the year, whether from inside or outside the Borough.

HUDDERSFIELD UNION—VACCINATION RETURNS.

Registration Sub-Districts in County Borough comprised in the Vaccination Officer's District.	Number of Births returned in the "Birth List Sheets."	Number of these Births duly entered in Columns 1, 2, 4, and 5 of the "Vaccination Register" (Birth List Sheets), viz. :—					Number of these Births remaining unentered in the "Vaccination Register," on account of			Number of these Births neither duly entered in the "Vaccination Register," (columns 3, 4, 5, and 6 of this Return), nor temporarily accounted for in the Report Book (columns 8, 9, and 10 of this Return).
		Col. 1. Successfully Vaccinated.	Col. 2.		Col. 4. Number in respect of whom Certificates of Conscientious Objection have been received.	Col. 5. Dead Unvaccinated.	Postponement by Medical Certificate.	Removal to districts the Vaccination Officer of which has been duly apprized.	Removal to places unknown, or which cannot be reached, and Cases not having been found.	
			Insusceptible of Vaccination.	Had Small Pox.						
Huddersfield.	544	411	5	...	19	53	15	...	13	28
Almondbury.	298	243	2	...	14	26	3	1	5	4
Lockwood ...	332	276	2	...	13	19	3	...	10	9
Total.....	1174	930	9	...	46	98	21	1	28	41
Huddersfield.	511	385	8	...	14	49	3	1	12	39
Almondbury.	284	218	6	...	11	24	9	1	5	10
Lockwood ...	345	270	7	...	19	27	5	...	5	12
Total.....	1140	873	21	...	44	100	17	2	22	61

Jan. to June, 1906.

July to Dec., 1906.

The following figures relating to the meat trade have been kindly supplied by
Mr. Matthewman.

Abattoir.	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896
Carcases brought in ...	2853	2944	4252	3523	3687	3362	3494	3534	2916	2987	1901
Beasts slaughtered ...	2962	2911	2933	2819	3528	3505	3772	3813	3880	3412	3445
Calves „ ...	2678	2477	2449	2409	2695	2980	3217	2493	2124	2031	1990
Sheep „ ...	15417	14886	12275	12769	12944	12799	12443	12902	13102	12801	12846
Pigs „ ...	6546	6423	6772	6942	6396	5706	6333	6829	5682	6579	6908
Private Slaughter Houses.											
Beasts slaughtered ...	570	654	638	647	843	717	805	757	833	870	743
Calves „ ...	438	404	373	422	562	434	479	628	597	474	354
Sheep „ ...	1523	1734	1748	1894	1997	1594	1976	2647	2387	2640	2211
Pigs „ ...	1838	2010	2256	1837	1842	1531	1602	1688	1522	1306	1123
Total ..	36825	34443	33696	33262	34494	32628	34121	35291	33043	33100	31521

Abstract of Monthly Meteorological Observations for the Year 1906.

1906. MONTH.	Barometer, corresponding to sea level, inches.	Temperature, Degrees F.					Wind Maximum miles per hour.	Sunshine, hours, (Total)	Rainfall inches (Total)	Moisture of air, 100 = saturation	Mean tempera- ture of week, in air	Mean tempera- ture at 7ft. oin. in ground	Mean tempera- ture at 4ft. oin. in ground	Total sunshine, per cent. of possible	Total horizontal movement of the wind Miles
		Lowest		Highest											
		Night		Day											
		Grass	Air	Shade	Sun										
January	29.84	23.5	29.5	50.4	75.0	40	57.0	4.79	83	39.8	40.1	42.8	22.0	7625	
February	29.66	22.6	26.4	47.2	82.7	52	84.5	3.52	84	37.2	36.6	39.7	32.0	4285	
March	29.96	21.5	24.3	55.6	103.0	42	110.4	3.09	78	39.0	39.6	40.0	36.0	5980	
April	29.99	25.0	28.6	66.5	111.3	38	157.6	1.21	74	43.5	43.2	41.7	42.0	3775	
May.....	29.80	25.0	29.0	64.8	117.2	32	61.4	2.67	83	49.6	49.0	44.5	14.0	3815	
June	30.07	37.0	39.0	76.8	125.5	28	176.3	1.55	79	56.6	57.6	50.0	32.0	3775	
July.....	29.96	36.7	43.3	56.3	121.0	35	158.5	1.64	75	59.3	61.0	54.9	36.0	3310	
August.... .	29.95	41.7	48.5	76.6	129.7	35	192.9	2.42	71	62.0	61.4	56.9	40.0	3795	
September	30.22	31.0	39.2	89.3	130.0	28	83.9	1.13	78	54.3	56.6	56.8	30.0	2574	
October..	29.79	26.0	33.2	68.0	104.8	28	66.2	5.78	85	50.1	50.9	53.4	23.0	3040	
November.	29.84	27.5	31.8	59.6	91.8	40	37.1	4.91	86	44.4	44.3	48.3	13.0	6880	
December	29.90	14.0	22.7	54.5	80.0	53	32.9	3.39	86	35.6	38.2	44.6	17.0	4295	
Averages or Totals.	29.91	27.6	33.0	63.8	106.0	38	1218.7	36.10	80	47.6	48.2	47.8	28.1	53149	

Number of Lodgers using the Corporation Model Common Lodging House since 1885.

Date	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
January ...	5638	5235	5942	7246	6307	7011	6994	7611	6556	5821	6108	5963	6677	6486	7111	5954	5708	5667	5643	5646	5696	5696
February ...	5611	4962	5449	6335	6110	6180	6111	6933	5754	5282	5841	5815	5908	5908	6152	5947	5391	5464	5474	5565	5699	5825
March	5646	5177	6232	6781	7044	7092	6988	7633	6318	5658	6422	6332	6549	6658	7295	5749	5380	5503	5506	5383	5412	5499
April	5360	5441	5476	6615	6611	6857	6405	7546	6191	5632	5811	6069	6687	6548	7361	5703	5687	5504	5452	5371	5516	5515
May	5630	5490	5893	6793	6653	6711	6914	6662	6052	5814	5773	6237	7210	7038	7692	5791	5459	5460	5492	5377	5493	5519
June	5616	4955	6094	6412	6498	6351	6910	6036	5714	5278	5775	6691	6058	6798	6539	5587	5510	5692	5272	5304	5470	5701
July	5022	5354	6143	6911	6241	6319	7115	5946	5917	5440	5987	6664	6472	6601	6816	5635	5274	5326	5369	5190	5310	5393
August	5003	5777	6056	6838	6086	6545	7261	5684	5710	5192	5898	6786	6342	6567	6073	5685	5353	5311	5615	5506	5678	5700
September..	4922	5244	6811	6362	5822	6306	7346	5698	5621	5647	5363	6761	5963	6573	6195	5939	5390	5529	5390	5665	5696	5702
October	4810	5995	7408	6515	6600	6872	6783	5987	5867	5685	6015	7123	5629	6671	6671	5734	5318	5529	5599	5501	5473	5510
November...	4987	5774	7025	6549	6635	6432	6879	6329	5885	5482	6329	6940	5476	6745	6999	5662	5503	5656	5491	5674	5649	5702
December ...	5194	5737	7095	6470	6927	6905	7515	6033	5860	5767	6224	6957	6332	7218	7399	5967	5447	5494	5646	5491	5470	5510
Total.....	63,439	65,151	75,624	79,827	77,534	79,581	83,221	78,098	71,445	66,698	71,546	78,338	75,303	79,811	82,303	69,353	65,420	66,135	65,949	65,673	66,562	67,272

REMOVAL OF NUISANCES.

	1st quarter	2nd quarter	3rd quarter	4th quarter	TOTALS
Drains requiring Re-construction ...	82	76	58	73	289
Do. connecting with main sewer ...	3	39	5	12	59
Drains not efficiently trapped ...	123	126	102	105	456
Do. requiring Ventilation Shafts ...	59	90	53	72	274
Defective Sink Pipes and Drains ...	209	225	231	229	894
Do. Yard Drains ...	54	53	67	67	241
Do. Cellar Drains ...	26	25	16	18	85
Do. Eave and Fall Pipes ...	70	71	50	59	250
Do. Roofing ...	14	11	6	18	49
Do. Urinals ...	2	3	11	6	22
Do. Baths ...	6	2	3	5	16
Do. Water Closets... ..	7	28	16	15	66
Waste Pipes requiring Disconnecting ...	94	37	74	59	264
Fall Pipes requiring Disconnecting ...	104	74	88	96	362
To provide Eave and Fall Pipes ...	2	6	6	9	23
Do. Sinkstones in Houses ...	8	..	16	12	36
Nuisances from want of Drains ...	5	46	11	6	68
Do. Water in Cellar ...	2	6	17	7	32
Do. Cellar Wells ...	...	...	2	...	2
Do. Cess Pools ...	...	...	...	...	...
Do. Street Gullies ...	1	5	6	6	18
Do. Stagnant Water ...	44	30	58	47	179
Do. Defective Surface of Yard ...	19	6	21	30	76
Do. Smoke ...	9	24	2	2	37
Do. Poultry, Pigeons, and Animals ...	4	3	11	6	24
Offensive Accumulations... ..	24	23	40	51	138
Do. Ashpits and Privies ...	20	14	16	14	64
Do. Swill Tubs ...	1	...	...	...	1
Do. Urine Receptacles ...	1	3	...	3	7
Urine Guards required ...	11	10	3	1	25
Closets requiring Lime-washing ...	26	11	28	11	76
Closets in Factory requiring Ventilated Space ..	...	...	...	1	1
Ashpits and Closets requiring Re-construction ...	19	22	33	62	136
Do. requiring proper doors and covering ...	39	31	18	36	124
Old Privies requiring alteration to tub or w.c. system	8	2	16	24	50
Insufficient Closet Accommodation ..	17	15	24	43	99
Houses Overcrowded ...	1	5	1	2	9
Do. Unfit for Habitation ..	2	10	2	2	16
Do. Requiring Cleansing ...	4	8	1	6	19
Do. Requiring Ventilation ...	15	19	21	14	69
Do. Damp ...	26	25	38	15	104
Do. Requiring Water Supply ...	...	2	1	...	3
Do. Structural Defects ...	...	21	...	...	21
Workshops requiring Lime-washing ...	...	1	2	...	3
Factories requiring Fire Escapes ...	...	...	...	1	1
Cowsheds requiring Lime-washing ...	...	7	5	4	16
Do. Draining ...	...	5	7	11	23
Do. Lighting ...	...	2	1	7	10
Do. Paving ...	...	7	2	12	21
Do. Ventilation ...	...	6	3	10	19
Bakehouses requiring Lime-washing or Cleansing ...	...	...	...	...	...
Do. Ventilation... ..	...	...	...	...	...
TOTALS	1161	1235	1192	1289	4877

An epitome of the Sanitary labour accomplished during the year 1906 will be found in the following Table :—

SUMMARY.

	1st quarter	2nd quarter	3rd quarter	4th quarter	TOTALS
No. of premises where Zymotic diseases have occurred	151	370	1244	460	2225
Do. inspected do. do. ...	151	370	1244	460	2225
Do. disinfected do. do. ...	159	217	908	311	1595
Do. flushed do. do. ...	106	56	93	81	336
Do. visited searching for Fever ...	97	197	414	220	928
No. of re-visits where cases are isolated at home ...	269	510	1706	613	3098
Do. Houses visited for Zymotic particulars ...	112	78	103	128	421
Total Number of visits to infected houses ...	682	1048	3191	1309	6230
Infectious diseases reported ...	211	498	1781	589	3079
Cases removed to Hospital ...	90	86	120	97	393
Number of articles disinfected by Lyon's disinfecter	6736	4026	7502	5953	24217
Number of visits in deaths from Phthisis ...	57	37	18	53	165
Do. Under one ...	74	20	7	197	298
Number of premises flushed by request of owners (paid for) ...	51	59	71	46	227
Other premises, yards or courts flushed ...	537	465	456	450	1908
Drains found choked by flushers... ..	182	174	178	154	688
Drains made clear	165	162	167	146	640
Number of Tubs registered	67	53	61	47	228
Do. applications received to empty Ashpits and Privies	120	161	122	91	494
Do. do. do. Receptacles	8	18	22	11	59
Nuisances reported at Sanitary Office	119	119	196	139	573
Do. inspected	117	119	195	139	570
Inspection of premises where Nuisances are found ..	843	732	809	861	3245
Do. do. where no Nuisances are found	778	576	809	778	2941
Do. premises where offensive trades are conducted	6	1	2	1	10
Do. Dwellinghouses in house to house visitation ..	..	...	...	60	60
Do. Cellar Dwellings	4	2	1	1	8
Do. Houses let in Lodgings and Common Lodging Houses	48	101	82	26	257
Do. Workshops	15	113	19	53	200
Do. Factories	24	83	89	79	275
Do. Schools	1	...	50	1	52
Do. Slaughter Houses	17	7	2	1	27
Do. Canal Boats	55	94	103	74	326
Do. Dairies and Milkshops	4	61	13	20	98
Do. Cowsheds	565	297	89	210	1161
Do. Bakehouses	9	31	36	9	85
Do. Markets and Shops	1536	1635	1519	1530	6220
Do. Van Dwellings	...	86	46	12	144
Re-visits to work in progress	510	812	474	584	2380
Visits to property under notice	766	1028	588	980	3362
Total Number of Inspections of Premises	5181	5660	4730	5280	20851
Number of Entries in Report Books	194	193	189	198	774
Preliminary notices to owners	167	147	137	166	617
Number of legal notices issued for abatement or abolition of nuisances	204	238	85	369	896
Owners seen personally	364	362	352	390	1468
Summonses taken out	7	5	46	...	58
New houses certified as satisfactory	73	90	91	91	345

SUMMARY—Continued.

	1st quarter.	2nd quarter.	3rd quarter.	4th quarter.	TOTALS.
Sections of New Drains tested	91	120	140	97	448
" " and satisfactory at first test	89	120	133	92	434
Old Drains tested	95	122	126	146	489
" " and found sound	55	51	69	80	255
" " and found defective	40	71	57	66	234
Smoke observations taken	168	104	51	18	341
Number of visits under Food and Drug Acts	84	122	50	53	309
Food and Drugs—samples purchased	52	66	34	25	177
Do. adulterated	4	7	4	2	17
Meat, seizures made or destroyed... ..	2 pigs	...	...	..	2 pigs
Fish	...	105 lbs. of sea Bream.	...	...	105 lbs. of Sea Bream.
Fruit	...	9 boxes strawber's 3 stones potatoes, 1 bunch bananas, (4 lbs.)	...	40 lbs. Apples.	9 boxes strawber's 3 stones potatoes 1 bunch bananas, (4 lbs.) 40 lbs. Apples.
Water Samples taken for analysis	...	1	8	2	11
" polluted	...	...	1	2	3
Unofficial Samples, Tinned Meats	...	33	3	...	36
Do. Other Food	1	...	...	5	6

Inspectorial Work.

Drainage, Nuisances and so forth.

Details of this work are set forth in the two tables immediately preceding, which will repay attention as indicating the work accomplished by the Sanitary Staff. The following is a summary of the salient features of the tables. No fewer than 20,851 separate inspections were made searching for insanitary conditions. Also, in addition, 6,230 visits were made to infected houses for disinfecting and enquiry purposes. The important matter of flushing of drains, etc., following infectious cases, and for the abatement of nuisances, was carried out in 2,471 cases, in 227 of which cases the water used was paid for by the property owners. The flushing of the street gullies, which is equally important, is under the charge of the Borough Engineer's Department. Information of choked gullies found by the Inspectors have been notified to the Department concerned.

In 2,941 inspections no ground of complaint in respect of the sanitary condition of the premises were found.

Complaints of nuisances to the number of 573 have been made at the Office, and have received prompt attention by the Inspectorial Staff.

The number of entries in the Report Books of the Department have been 774; of these 335 were not reported to the Committee, as the work had been commenced before the Committee met. In respect to the remaining, 896 Statutory Notices were issued. Four hundred and forty-eight sections of new drains have been tested by smoke, and 345 new houses and other premises have been inspected as to the correctness and sufficiency of the sanitary fittings thereof.

Common Lodging Houses.

The Common Lodging Houses in the Borough number 18, and are kept by 14 persons. The accommodation is for 516 lodgers in 394 beds.

During the year 139 inspections have been made of these houses for the purpose of ascertaining as to whether or no the houses are overcrowded, and if the bye-laws of the Corporation are complied with.

The standard of this class of house is still very low, but it is hoped that by the application of the powers contained in the Huddersfield Corporation Act, 1906, it will be considerably raised, and that the worst of the houses will be refused registration.

FOOD INSPECTION.

SALE OF FOOD AND DRUG ACTS, 1875 to 1899

Report of Action Taken under the above-named Acts
in the County Borough of Huddersfield during
the Year 1906.

1.—ARTICLES ANALYSED.

New Milk	...	...	135	of which 17 were certified as adulterated.
Skimmed Milk	...	...	2	
Separated Milk	...	...	2	
Butter	...	...	13	
Margarine	...	..	5	
Lard	...	...	3	
Cheese	...	...	6	
Coffee	...	...	3	
Honey	...	...	1	
Sugar	...	...	2	
Jams	...	..	2	
Ground Rice	..	...	1	
Pepper	...	...	1	
Cream of Tartar	...	...	1	

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Genuine	...	...	...	...	...	160
Adulterated	..	...	...	...	...	17

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2.—DETAILS OF THE 17 NEW MILKS REPORTED
BY THE PUBLIC ANALYST TO BE
ADULTERATED.

No.	Article.	Result of Analysis.		Proceedings.
2	New Milk	2·24 per cent added water		Town Clerk advised against prosecution.
19	do.	1·7 per cent fat abstracted		do.
28	do.	0·4 per cent added water		do.
41	do.	5·0	do.	do.
59	do.	2·0	do.	do.
60	do.	6·35	do.	do.
69	do.	10·30	do.	Proceedings taken ; case dismissed
70	do.	5·7	do.	Town Clerk advised against prosecution
84	do.	3·4 per cent fat abstracted		do.
99	do.	3·4 per cent added water		do.
111	do.	2·94	do.	do.
120	do.	0·36	do.	do.
123	do.	3·53	do.	do.
124	do.	3·18	do.	do.
132	do.	0·12	do.	do.
173	do.	3·42	do.	do.
176a	do.	5·18	do.	do.
129	do.	Refusal to sell from can		No. proceedings taken by advice of Town Clerk

3.—STATEMENT OF CASE IN WHICH LEGAL
PROCEEDINGS WERE TAKEN DURING 1906,
WITH THE RESULT THEREOF.

69	New Milk	10·30 per cent added water	Case dismissed, after being referred to Somerset House, whose analysis showed 4·4 per cent added water.
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The foregoing record is unsatisfactory.

4.—ARTICLES OBTAINED UNOFFICIALLY AND
ANALYSED.

No. 154a	Butter.	Genuine.
Nos. 177 to 181 inclusive.	5 New Milks.	Genuine.

5.—SAMPLES OF TINNED FOOD TAKEN.

Potted Ham	...	...	...	...	2
Lunch Tongue	...	...	...	...	3
Corned Beef ...	...	...	...	...	4
Tinned Salmon	...	...	...	...	11
Do. Lobster	...	...	...	...	4
Do. Sardines	...	...	...	...	6
Do. Rabbit	...	...	...	...	2
Jugged Hare	...	...	...	...	1
Potted Shrimps	...	...	...	...	2
Calves Foot Jelly	...	...	...	...	1

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Out of 36 samples so obtained, 7 were found to contain Boracic Acid: in 12 samples colonies of microbes were found to exist; and all samples were free from colouring matter.

Thirty-six copies of certificates of above meats and foods were sent by the Public Analyst to the Local Government Board.

Dairies, Cowsheds, and Milkshops.

The following table gives the number of Farms, Cowsheds, and Cattle in the Borough:—

No. of Farmsteads	...	...	...	...	...	223
„ Cowsheds	...	...	...	...	...	331
Number of Milch Cows kept	...	...	...	...	...	1687

NUMBERS ON THE REGISTER.

—:0:—

No. of Cowkeepers who are also Milk Purveyors	...	222
„ Milk Purveyors who are not cow keepers	...	116
„ Milk Shops		37
Total		375

The above have been kept under regular supervision during the year by the District Inspectors, who have made 1,161 inspections of Cowsheds and 98 of Dairies and Milk Shops.

In addition to these inspections the Veterinary Inspector has made 331 visits, and has separately examined 1,687 cattle, which were found in good health. There is a gradual improvement taking place in the cowsheds of the Borough, and the manner in which they are kept. There are still, however, a number which are very defective, as regard structure, air space, light, ventilation, and drainage. These are receiving the attention of the department.

FACTORY AND WORKSHOPS ACT, 1901.

REPORT OF INSPECTIONS AND OF ACTION THEREON, During 1906.

By Section 132 of the above named Act, the duty is laid upon the Medical Officer of Health of every District Council in his annual report to them, to report specifically on the administration of the Act in his district.

The duties imposed upon Sanitary Authorities under this Act have reference to the following subjects :—

- (a) Registration of Workshops.
- (b) Sanitation and Sanitary Convenience.
- (c) Special Sanitary Provision for Bakehouses.
- (d) Fire Escapes.
- (e) Homework.
- (f) Miscellaneous.

(a) Registration.—The total number of workshops, including bakehouses on the Register on December 31st, 1905, was 914. During the year 1906, 28 new workshops have been added to, and 14 removed from the Register, showing a net increase of 14 on the year. The number of bakehouses on the Register is 115, an increase of 7 on the year. The total number of workshops included in the following classified list of workshops is 928.

Classified List of Workshops.

	On Register Dec. 31st, 1905.		Added during 1906.		Removed during 1906.		Remaining Dec. 31st, 1906.	
	Central District.	Outer Districts.	Central District.	Outer Districts.	Central District.	Outer Districts.	Central District.	Outer Districts.
Dress and Mantle Makers and Milliners, Tailors, Waterproof Manufacturers, &c.	136	101	...	4	...	5	136	100
Boot and Shoe Makers, Cloggers, Saddlers and Curriers	66	106	...	4	...	...	66	110
Black, Shoeing, Tin, and White Smiths; Cycle Repairers, &c.	42	29	...	1	...	...	42	30
Joiners, Cabinet Makers, Wood Carvers, Picture Framers and Gilders	32	40	...	4	...	2	32	42
Plumbers. Painters and French Polishers	40	16	...	...	...	...	40	16
Coopers, Carriage Builders, and Wheelwrights	10	13	...	...	...	...	10	13
Watchmakers, Jewellers, Engravers, and Electrical Engineers	25	7	...	1	...	...	25	8
Rug Makers and Rag and Wool Sorters	22	9	...	1	...	...	22	10
Upholsterers, Basket and Brush Makers	21	4	...	...	...	...	21	4
Hosiery Knitters, Shirt Makers, and Laundries	6	14	...	...	...	...	6	14
Monumental Sculptors	2	6	...	...	...	...	2	6
Organ Builders, Piano Repairers, &c.	7	1	...	...	...	...	7	1
Tripe Dressers... ..	11	2	...	...	...	...	11	2
Bakehouses	36	72	2	11	...	6	38	77
Manufacturing Chemists; Mattress, Corset, Blind, and Waggon Cover Makers; Wire Workers, Tea Packers, Teazle Trimmers, Rope Makers, Tallow Chandlers, &c., &c.	24	14	...	...	...	1	24	13
	480	434	2	26	...	1+	482	446
	914		28		14		928	

(b) Sanitation.—Five hundred and seventy-nine inspections of factories, workshops, bakehouses, and outworkers' premises have been made as to cleanliness, air space, ventilation, drainage, and closet accommodation.

One hundred and three cases of infringements of the Public Health Acts and of the Factory and Workshops' Act were found. Written notices were served in 92 cases, and 97 infringements were remedied in accordance with the requirements of the notices. In most of the unremedied infringements the necessary work is in the hands of contractors, and in others under the consideration of the persons responsible therefor. Further inspections will be made in due course, and appropriate action taken.

Fifty-four of the defects related to sanitary accommodation.

(c) Special Sanitary Provision for Bakehouses.—There are 115 Bakehouses registered, an increase of 7 on the year. Cellar Bakehouses have been dealt with during the year as follows:—Two additional Cellar Bakehouses have been found, both of which have been discontinued. The number of Cellar Bakehouses remaining on the Register is 13. The Bakehouses are systematically inspected as to Cleanliness, Closet Accommodation, Domestic Washing, and Sleeping Places.

Two breaches of sanitary requirements were found, which have been remedied.

(d) Fire Escapes.—Two hundred and seventy-five visits of inspection have been made to Factories. Special attention was given to the means of escape in case of fire, which, with five exceptions, were found to be maintained in a reasonably efficient state, ready for use. In five cases which were found to be insufficiently supplied with means of escape, the owners were communicated with, and the deficiency has been made good.

(e) Home Work.—Nine lists have been received from workshops and outside authorities where home workers are employed.

These cover 14 persons, and the home of each worker has been visited and found to be in a good sanitary condition.

No case of refusal to admit the Inspector has arisen during the year.

The appended table is in accordance with the requirement of the Home Office:—

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES, AND HOMEWORK.

I.—INSPECTION.

Including Inspections made by Sanitary Inspectors or
Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions
Factories (Including Factory Laundries.)	275	72	1
Workshops (Including Workshop Laundries and Bakehouses.)	285	20	..
Workplaces (Other than Outworkers' premises included in part 3 of this Report.)	...	...	...
Total	560	92	1

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions
	Found.	Remedied.	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness	7	7	..	...
Want of ventilation	..	...	...	...
Overcrowding	...	..	...	...
Want of drainage of floors ...	1	1	...	...
Other nuisances, including smoke	37	35	...	1
† Sanitary accommodation	insufficient ...	...	...	...
	unsuitable			
	or defective...	38	36	..
	not separate for sexes ...	16	14	...
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (S. 101)	2	2	...	...
Breach of special sanitary re- quirements for bakehouses (SS. 97 to 100)	2	2	...	...
Other offences				
(Excluding offences relating to outwork which are included in Part 3 of this Report.)	...	...	...	...
Total	103	97	...	1

* Including those specified in Sections 2, 3, 7 and 8 of the Factory Act as remediable under the Public Health Acts.

† Section 22 of The Public Health Act Amendment Act, 1890, has been adopted by the District Council. Sanitary accommodation for persons employed in factories and workshops is deemed adequate if one tub closet is provided per 10 hands, or one w.c. per 20 hands.

3.—HOME WORK.

Class.	Number.	
Lists of Outworkers (S. 107 :—	Number of	
	Lists.	Out-workers
Lists received from Employers twice per year	6	10
" " " " once " " 	1	1
Addresses of out- (forwarded to other Authorities	...	
workers ... (received from other Authorities	3	
Prosecutions	...	
No of inspections of outworkers' premises :—	19	
	Wearing Apparel;	Other.
Outwork in unwholesome premises (S 108).....	} Nil.	
Cases of infectious diseases notified in home workers' premises		
Orders prohibiting homework in infected premises ^s (S. 110)		

4.—REGISTERED WORKSHOPS.

Workshops on the Register (S 131) at the end of the year

Important classes of workshops, such as workshop bakehouses, may be enumerated here.	Workers in Clothing ...	236
	" Leather ...	176
	" Iron and Tin ...	72
	" Wood ...	74
	" Lead and Paint.	56
	" Jewellery ...	33
	" Bakehouses ...	115
	" Miscellaneous ...	166
Total number of workshops on Register		928

5.—OTHER MATTERS.

Matters notified to H.M. Inspector of Factories :—

Failure to affix Abstract of the Factory and Workshop Act (S. 133)	...
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5)	Notified by H M. Inspectors .. 41
	Reports (of action taken) sent to H.M. Inspector, per Town Clerk 41
Other	...
Underground Bakehouses (S. 101) :—	
Certificates granted during the year	...
In use at the end of the year	13

**Particulars of Work Performed by Scavenging Staff at
Hillhouse Depot, &c.**

1906	Receptacles brought in to the Depôt, &c.	Refuse burnt in Hillhouse Destructor		Loads of Clinkers disposed of.
		Loads.	Tns. Cwts.	
January ...	71422	743	825 17	226
February ...	62882	503	587 2	170
March ...	70151	474	519 19	138
April ...	66133	525	551 16	148
May ...	73827	739	767 6	203
June ...	65277	604	638 14	169
July ...	68789	522	537 17	143
August ...	71713	413	432 16	105
September ...	64238	552	589 18	142
October ...	71914	758	900 10	225
November ...	68868	774	961 0	237
December ...	68125	851	1011 1	286
Year ..	823336	7458	8323 16	2192

Loads Collected during the Year 1906.

1906.	Ashes and Trade Refuse.	Slaughter House Refuse.
January	2774	21
February	2441	19
March	2695	19
April	2533	19
May	3014	21
June	2499	22
July	2340	22
August	2358	22
September	2042	22
October	2397	20
November	2303	22
December	2141	24
Total... ..	29537	253

Hillhouse Depot Manure Sales.

MONTHS.	Stable Manure.	Grass Manure.	Market Refuse.	Slaugh- ter house Refuse.	TOTALS.
1906	Tons.	Tons	Tons.	Tons.	Tons.
January.....	220	...	...	33½	253½
February	195	...	...	25½	220½
March	120½	...	..	2¾	123¼
April	151¾	...	...	27½	179¼
May	199½	...	...	45½	245
June ..	111¾	..	...	9½	121¼
July	206½	...	...	4¼	210¾
August	180	...	...	59½	239½
September.....	148	...	...	3	151
October	229	...	...	36½	265½
November	181	...	...	1½	182½
December	135	..	...	50	185
Approximate Total.....	2078	...	...	299	2377

SMOKE OBSERVATIONS—1906.

The following Table shows the number of Smoke Observations taken during each month of the year, with the average number of minutes of Dense Black Smoke emitted per half-hour's observation.

1906.	Number of Observations taken.	Number shewing Moderate Smoke or None.	Number shewing Dense Black Smoke.	Total Minutes of Dense Black Smoke emitted.	Average number of minutes of Dense Black Smoke emitted from Chimneys per half-hour.	REMARKS.
January ...	14	1	13	79.5	6.11	The maximum limit for dense black smoke was fixed by the Sanitary Committee in March, 1898, at three minutes per half-hour observation. Where this limit has been exceeded warning letters have been sent to the parties involved, and if no improvement has resulted before the meeting of the Sanitary Committee, they have been reported to the Committee. This has occurred in 37 cases during the year.
February ...	7	2	5	17.5	3.50	
March	91	14	77	506.0	6.44	
April	38	7	31	129.0	4.16	
May	52	12	40	139.5	3.48	
June	19	8	11	41.0	3.72	
July	4	1	3	7.5	2.50	
August	16	3	13	64.5	4.95	
September .	37	9	28	147.0	5.25	
October	10	...	10	86.5	8.65	
November ...	3	2	1	2.5	2.50	
December ...	3	1	2	12.5	6.25	
Duplicate observations	47					

Canal Boats Acts, 1877 and 1884.

Huddersfield Registration District.

Report as to the execution of the above named Acts and Regulations made thereunder for the year ended December 31st, 1906.

To the Mayor and Corporation acting as the Urban Sanitary Authority for the County Borough of Huddersfield.

GENTLEMEN,

I have pleasure in submitting this, my annual report on the the working of the Canal Boats Acts in this Borough, as required by Section 3 of the Canal Boats Acts, 1884.

The number of canal boats visited and inspected during the year ended the 31st day of December, 1906, was 134, and of these 332 inspections were made, namely:—

64	Boats inspected once each ...	64	inspections.
33	„ twice each ...	66	„
15	„ three times each ...	45	„
4	„ four times each ...	16	„
3	„ five times each ...	15	„
2	„ six times each ...	12	„
2	„ seven times each ...	14	„
3	„ eight times each ...	24	„
4	„ nine times each ...	36	„
4	„ ten times each ...	40	„
134		332	

as against 305 inspections of 119 boats during 1905, and 266 inspections of 120 boats during 1904.

The population found on board these boats numbered 663, namely:—482 adult males, 86 adult females, and 95 children, as against 609 in 1905, namely:—454 adult males, 87 adult females, and 68 children; and 621 in 1904, namely.—464 adult males, 92 adult females, and 65 children.

The following is a detailed statement of the number, age, and sex of children found on canal boats during 1906 :—

1906	MONTHS.							YEARS.														TOTALS.
Ages ...	2	3	6	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Males..	1	.	...	...		2	1	1	1	3	8	2	3	...	3	...	3	1	2	7	1	39
Females	.	1	2	5	1	2	.	5	12	2	1	8	4	3	...	1	5	4	...	...	...	56
Totals .	1	1	2	5	1	4	1	6	13	5	9	10	7	3	3	1	8	5	2	7	1	95

By analysing the above table it is found that the number of children visiting Huddersfield of school age, and under that age are as follows, namely :—48 under 5 years of age, and 47 from 5 to 14 years of age.

The monthly distribution of children on Canal Boats has been as under :—

Month, 1906.	Under 5 years.	Over 5 years.	Totals.
January	1	...	1
February	2	1	3
March	3	3	6
April	4	1	5
May	12	13	25
June	6	5	11
July	4	4	8
August	5	6	11
September	4	9	13
October	1	4	5
November	5	1	6
December	1	...	1
Totals	48	47	95

It will be seen from this record that the larger proportion of children of school age were met with during the months of May,

June, August, and September, and 28 out of the 47 children of school age were met with on 6 boats in 9 inspections. One of these with three children on board visited Huddersfield four times, and another with one girl of school age also came four times.

The number of boats carrying children of school age, shows a decided increase over last two years as under:—

1904.	13	boats	carrying	25	children	of	school	age	compared	with
1905.	16	„	„	29	„	„	„	„	„	„
1906.	25	„	„	47	„	„	„	„	„	„

The importance of securing for the canal boat children a good education has continued to exercise my mind during the past year, and I have not failed to urge this upon parents found with children upon boats. It appears to me, however, that until the legislature prohibits the presence of children on canal boats, the difficulty of the Education of this class of nomadic population will be an ever present one, notwithstanding the provisions of Section 6 of the Canal Boat Act of 1877.

A few cases were still found, where the boat was the only home for the family, and where the mother, in addition to her domestic duties, had to help with the working of the boat. Poverty was generally stated as the reason for this state of affairs. In every case where children were on board the mother accompanied the them.

Inspection of canal boats have been made on 65 days during 1906, and at each meeting of the Sanitary Committee a report has been given of the number of boats visited, also infringements found calling for remedy, since the previous Committee.

A large variety of goods are brought into the borough by boat, consisting for the most part of coal, cement, corn, chemicals, copper ore, flour, jute, jute yarn, locust beans, logwood, pig-lead, iron (in pig and manufactured), oil, rough steel wire, rags, sugar, timber, tar, and wool. The exports have been corn, coke, chemicals, flour, machinery, and tar. The imports were loaded at Goole, Grimsby, Hull, Horbury, Wakefield, Selby, Manchester, Marsden, and Slaithwaite.

The following paragraphs contain the information required by the circular of the Local Government Board dated 21st December, 1906, arranged in the same order as those of the said circular:—

- (1) Arrangements made for the inspection of boats, the name, address, and remuneration of the Inspector.

William Medley Drake, Chief Inspector of Nuisances, for the County Borough of Huddersfield, Public Health Department, Huddersfield, was appointed Inspector of Canal Boats on the 7th day of January, 1895, and the remuneration for the work is included in his salary as Chief Inspector of Nuisances.

- (2) The number of boats inspected during 1906, with the conditions of the boats and their occupants.

The number of boats inspected during 1906 was 134, and of inspections 332.

The 134 boats were made up of 63 broad boats, 18 narrow, and 53 fly boats, the latter figure being made up of 52 broad boats and 1 narrow boat.

The places of registry were Goole 71, Mirfield 49, Birmingham 2, Hull 5, and 1 each at Sowerby Bridge, Marple, Wombwell, Manchester, York, Wakefield, and Leeds.

Ninety-five per cent of the boats inspected were found to be in good condition, and conforming to the Acts and Regulations, and the occupants of all the boats to be in good health.

- (3) Infringements of the Acts and Regulations with respect to the following matters:—

(a) Registration. None.

(b) Notification of change of master. None.

(c) Masters without certificates one. In this case a warning notice was served by post on owners, but certificate has not been returned.

(Non-identity). Three cases met with, one boat twice; warning notices issued, but the certificates have not been returned.

(d) Marking. Three cases of defective marking were found, and warning notices issued, the certificates have not been returned in these cases.

(e) Overcrowding. None.

(f) None required.

(g) Cleanliness. Very rarely, temporary cases were met with, and were remedied on the verbal request of the Inspector.

(h) Nothing to complain about.

(i) Painting. Two cases of this infringement were met with in respect of which two warning notices have been issued. One has been remedied as duly certified on certificates returned, and one remains in default.

Repairs. In three boats repairs were required consisting of leaky decks, broken woodwork of cabin floor, and dilapidated stove. In one case the repairs have been carried out, leaving two in default.

(j) Provision of water cask. All casks good.

(k) Removal of bilge water. This work received regular attention.

(l) Notification of infectious disease. None.

(m) Admittance of Inspector. No difficulty experienced.

(4) Legal proceedings taken. None.

(5) Any other steps taken to secure compliance with the Acts and Regulations. Six warning notices have been issued, and numerous letters written in respect of the 12 infringements (enumerated above) found on 7 boats, and many matters of cleanliness of minor moment have received prompt attention at the instigation of the Inspector.

(6) Infectious Disease. None.

(7) Detention of boats. None.

(8 and 9) No application received.

I append hereto the usual summary.

Faithfully yours.

WILLIAM MEDLEY DRAKE,

Inspector under the Canal Boats Acts.

Public Health Department, Huddersfield,

January 7th, 1907.

Canal Boats Acts, 1877 and 1884.

Summary Appendix to the Annual Report of the Canal
Boats Inspector for the year 1906.

Huddersfield Registration District.

	1906.	1905.	1904.
Number of boats inspected	134	119	120
Made up of Broad boats..	63	55	46
Broad fly boats ..	52	45	55
Narrow boats ...	18	18	16
Narrow fly boats..	1	1	3
Registered Accommoda- tion—Aft Cabin ...	1050½	961½	1025½
Fore Cabin ...	621 } 1671½	451½ } 1413	472 } 1497½
Population found on board:			
Adults ...	568	541	556
Children ...	95 } 663	68 } 609	65 } 621
Children under school age	48	39	40
Children of school age ...	47	29	23
Number of days on which inspections have been made	65	66	51
Number of inspections made	332	305	266
Number of boats conform- ing to Acts and Regu- lations... ..	127	113	106
Number of boats with one or more infringements..	7	6	14
Number of infringements met with	12	11	26
Number remedied ...	2	4	11
Number dealt with by Magistrates	...	...	...
Number still under notice December 31st, 1905...	10	6	10
No service effected ...	...	...	5

WARNING NOTICES AND CERTIFICATES.

Details of Infringements.	No. issued.	Certificates returned.	Not remedied.
Non-production of certificate	1	...	1
Non-identity of boat with certificate	3	...	3
Insufficient marking	3	...	3
Painting	2	1	1
Dilapidation	3	1	2
	12	2	10

PARTICULARS OF NON-REMEDIED INFRINGEMENTS.

John and Alfred (859, Goole). Boat not marked
to correspond with certificate. Did not
identify boat.

Re-inspection of the boat. As before 2 inspections.

Swan (112, Wombwell). Floor of cabin is
dilapidated 1 inspection.

Mabel (184, Mirfield). No certificate. Dilapidated
and dangerous stove in cabin 1 inspection.

Eliza (798, Goole). Insufficient marking, plate
obliterated. Interior of cabins require
painting 1 inspection.

Lilias (861, Goole). Marking on boat did not agree
with certificate produced 1 inspection.

Total—10 Infringements. 6 inspections.

(Signed)

WILLIAM M. DRAKE.

TABLE A.

YEAR.	Population estimated to middle of each year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.			TOTAL DEATHS IN PUBLIC INSTITUTIONS.
		Number.	Rate.*	Under One year of age.				
				Number.	Rate per 1,000 Births registered ¹	At all ages.		
							Number.	
1	2	3	4	5	6	7	8	9
1896	95230	2096	21·67	351	167	1712	17·69	183
1897	95193	2365	24·93	313	132	1666	17·56	182
1898	95157	2295	24·20	351	153	1625	17·13	172
1899	95120	2374	25·04	359	151	1671	17·63	173
1900	95083	2376	25·07	315	133	1752	18·49	215
1901	95047	2175	22·96	287	132	1581	16·69	179
1902	95010	2354	24·39	324	138	1710	17·72	186
1903	94973	2252	23·79	271	120	1584	16·73	212
1904	94936	2243	23·71	304	135	1657	17·51	222
1905	94899	2256	23·85	269	119	1605	16·97	171
Averages for years 1896-1905.	95065	2279	23·96	314	138	1656	17·41	189
1906	94862	2301	24·34	311	135	1638	17·33	183

* Rates calculated per 1,000 of estimated population.

Area of District in acres	Total population at all ages ...	95056	} At Census of 1901.
(exclusive of area covered by water)	Number of inhabited houses...	22356	
	Average number of persons per house	4·252	

TABLE B.

Names of Localities.	1.—WHOLE BOROUGH.				2.—CENTRAL [†]				3.—MARSH.				4.—FARTOWN.				5.—DEIGHTON AND BRADLEY.			
	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
Year.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.
1896	95230	2096	1712	351	24893	567	505	97	8170	171	137	28	10168	193	157	34	2216	43	39	6
1897	95193	2365	1666	313	24705	612	515	90	8140	218	135	39	10283	212	181	20	2205	58	21	5
1898	95157	2295	1625	351	24518	625	513	101	8110	179	99	26	10400	205	150	27	2195	45	40	3
1899	95120	2374	1671	559	24331	639	570	134	8080	194	101	28	10518	246	145	16	2184	52	41	7
1900	95083	2376	1752	315	24146	631	542	107	8050	171	123	28	10637	239	155	26	2174	56	29	5
*1901	95047	2175	1581	287	23962	596	483	105	8020	164	112	19	10757	234	156	38	2163	44	34	5
*1902	95010	2354	1710	324	23773	593	496	100	7988	207	120	31	10871	256	159	35	2152	55	29	5
*1903	94973	2252	1584	271	23585	594	463	75	7956	198	111	19	10986	248	149	27	2141	47	43	7
*1904	94936	2243	1657	304	23397	548	551	113	7924	181	113	19	11101	285	146	31	2130	49	21	4
*1905	94899	2256	1605	269	23209	574	457	94	7892	199	108	22	11216	265	167	27	2119	40	29	4
Avg's of Yrs. 1896 to 1905	95065	2279	1656	314	24052	598	510	102	8033	189	116	26	10694	238	157	28	2168	49	33	5
*1906	94862	2301	1638	311	23022	552	498	111	7860	195	98	22	11330	253	140	29	2108	53	31	5

TABLE B.—continued.

Year.	† DALTON.				7.—ALMONDBURY.				8.—LOCKWOOD.				9.—LINDLEY.				10.—LONGWOOD.			
	Population esti- mated to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.
1896	8469	200	128	42	14634	344	227	47	12736	285	306	47	8506	188	135	37	5381	102	78	13
1897	8480	246	148	30	14592	384	218	46	12866	336	274	49	8493	180	120	27	5377	119	54	7
1898	8491	227	127	40	14550	383	206	45	12997	352	295	59	8481	158	108	25	5372	121	87	25
1899	8502	258	165	39	14509	364	213	48	13130	322	237	46	8468	181	110	25	5367	118	89	16
1900	8513	246	190	31	14467	387	213	42	13264	335	310	40	8455	193	108	23	5362	118	82	13
*1901	8523	239	131	24	14425	330	230	46	13399	328	248	22	8441	137	103	16	5357	103	73	12
*1902	8534	244	189	33	14384	374	226	44	13528	339	268	39	8428	180	114	22	5352	106	96	15
*1903	8544	215	145	29	14342	335	199	48	13657	353	282	36	8415	165	118	18	5347	97	67	12
*1904	8554	208	171	27	14300	338	201	32	13786	356	276	50	8402	163	99	14	5342	115	68	14
*1905	8564	227	159	34	14258	318	214	30	13915	335	273	38	8389	190	120	13	5337	108	72	7
Av'gs of Yrs. 1896 to 1905.	8517	231	155	33	14446	356	215	43	13328	334	277	43	8448	173	114	22	5359	111	77	13
*1906	8574	228	148	30	14216	350	209	45	14044	355	308	44	8376	203	112	14	5332	112	88	11

† In the Central District are included births and deaths occurring in the Infirmary.

‡ " Dalton " deaths occurring in the Sanatorium.

§ " Lockwood " births and deaths occurring in the Crosland Moor Workhouse.

* In 1901 there were 11 deaths in Deanhouse Workhouse of persons formerly resident in Huddersfield; in 1902, 13 deaths; in 1903, 7 deaths; in 1904, 11 deaths; in 1905, 6 deaths; and in 1906, 6 deaths.

TABLE D.
Causes of, and Ages at Death during the Year 1906.

Causes of Death.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages).							Deaths in Public Institutions.					
	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Central.	Marsh.	Fartown.	Deighton & Bradley.	Dalton.	Almond-bury.	Lockwood.	Lindley.	Longwood.	Infirmary.	Sanatorium.	Cresland Mr Workhouse.	Deanhouse Workhouse.
Small-pox	61	15	43	3	..	..	..	36	1	2	..	4	8	9	1	..	..	..	..	..
Measles.....	7	1	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	32	16	16	..	..	..	..	13	3	3	..	1	3	7	1	1	..	..	7	..
Whooping-cough	15	..	10	2	1	..	..	2	2	1	..	1	1	1	..	2	..	3	..	..
Diphtheria and membranous croup..	1	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Croup	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever { Enteric	9	..	..	..	1	8	..	..	..	..	..	1	..	1	1	..	..	6	..	..
Other continued	..	1	..	..	..	3	5	..	..	3	..	..	..	2	4	..	..	..	..	..
Epidemic Influenza	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoea.....	81	56	18	..	..	2	5	44	5	5	..	6	8	8	3	1	..	..	1	..
Enteritis	25	19	6	..	..	3	..	9	2	4	..	2	3	3	..	..	2	..	..	..
Puerperal Fever	3	..	..	..	..	..	1	..	..	..	..	1	..	1	1	..	..	..	..	..
Erysipelas	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Other septic diseases	6	..	1	2	..	3	..	3	..	..	..	..	..	2	1	..	..	..	..	..
Phthisis	119	3	1	4	27	81	3	34	4	11	1	10	13	22	6	7	4	1	10	..
Other tubercular diseases	38	6	12	9	4	7	..	8	2	2	1	4	5	6	..	4	6	1	1	..
Cancer, malignant diseases.....	108	..	..	..	1	70	37	25	5	9	3	4	16	17	12	8	6	3	3	..
Bronchitis	132	27	8	1	2	43	51	41	6	14	5	6	13	18	8	7	3	..	11	..
Pneumonia	133	19	32	2	5	48	27	36	5	8	2	9	22	13	11	8	6	3	9	1
Pleurisy	5	..	..	1	..	1	4	1	1	..	..	..	..	1	1	1	..	..	..	..
Other diseases of Respiratory organs ..	7	..	2	1	..	3	1	1	..	2	..	1	1	1	1	1	..	..	..	..
Alcoholism—Cirrhosis of liver	16	..	..	..	..	16	..	3	4	2	1	..	2	1	1	1	..	..	1	..
Venereal diseases	3	1	..	..	..	2	..	..	..	1	2	..	1	..	..	2	..	..	1	..
Premature Birth	38	38	..	..	..	..	..	5	5	6	2	5	8	3	..	2	..	..	1	..
Diseases and accidents of parturition.	12	..	..	..	3	9	..	1	1	3	..	1	2	3	..	1	8	..	7	..
Heart diseases	155	2	1	1	6	80	65	27	13	11	4	14	27	26	11	8	9	..	..	..
Accidents.....	29	1	2	3	5	15	3	6	1	..	2	3	2	4	2	..	9	..	..	..
Suicides	16	..	..	..	2	14	..	8	1	1	1	1	1	1	1	1	31	..	42	5
All other causes	579	106	27	15	17	190	224	125	37	51	9	53	73	72	46	35	..	..	..	..
All causes	1638	311	183	46	74	598	426	428	98	140	31	127	209	222	112	88	70	21	86	6

TABLE E.

Infantile Mortality during the Year 1906.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES—																	
Certified	59	12	17	10	98	32	18	20	16	22	12	14	21	16	16	13	298
Uncertified	7	1			8	1		1		1				2			13
Common Infectious Diseases :																	
Small-pox																	..
Chicken-pox																	..
Measles									1		1	3	2	5	2	1	15
Scarlet Fever																1	1
Diphtheria : Croup																	..
Whooping Cough						4	1	3		1	1		3	1		2	16
Diarrhœal Diseases :																	
Diarrhœa, all forms						7	4	8	6	5	7	6	2	3	4	4	56
Enteritis, Muco-enteritis)		3	1	1	5		1	2		1	1	1	1	1		1	14
Gastro-enteritis)																	
Gastritis, Gastro-intestinal Catarrh)						1	1	2		1							5
Wasting Diseases :																	
Premature Birth	30			4	34	3		1									38
Congenital Defects	4	1	3		8	2										1	11
Injury at Birth	2				2												2
Want of Breast-milk,)										1							1
Starvation)																	
Atrophy, Debility,)		1	3	4	8	6	4		1	2	1				2	2	26
Marasmus)																	
Tuberculous Diseases :																	
Tuberculous Meningitis			1		1					1			3				5
Tuberculous Peritonitis :)																	..
Tabes Mesenterica)																	
Other Tuberculous Diseases)										1			1	1		1	4
Other Causes :																	
Erysipelas																	..
Syphilis		1			1												1
Rickets																	..
Meningitis, not Tuberculous											1	1			1		3
Convulsions	10	2	1		13	3	1	1		1					1		20
Bronchitis	1	1	2		4	4	2		2	7		2	4		2		27
Laryngitis																	..
Pneumonia			1		1	1	1	2	3	1			3	6	1		19
Suffocation, overlying								1									1
Other Causes	19	4	5	1	29	2	3	1	3	1		1	2	1	3		46
Totals	66	13	17	10	106	33	18	21	16	23	12	14	21	18	16	13	311
Population (Estimated to middle of 1906)														94,862.			
Births in the Year														2,301.			
Deaths from all Causes at all Ages														1,638.			

TABLE I.

Return of Births and Deaths Registered during the thirteen weeks ended 31st March, 1906.

DISTRICTS.	Census Population, 1901.	Estimated Population at the middle of the year 1906.	Births Registered during the 13 weeks ended 31st March, 1906.	Deaths Registered during the 13 weeks ended 31st March, 1906.	AGE MORTALITY.			SEVEN ZYMOTIC DISEASES.								Tuberculosis, all forms.	Bronchitis, Pneumonia and Pleurisy.	Heart Diseases.	Cancer.	All other Diseases.	Rate of Mortality per 1000				
					Under 1 year.	Over 1 and under 5 years.	Persons aged 65 years and upwards.	Smallpox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fevers		Diarrhoea.										
													Typhoid	Other											
Huddersfield (Central)	24,009	23,022	156	96	15	9	26	..	..	..	..	1	5	..	2	14	24	8	5	37	19.37	16.74	0.35	1.39*	
Marsh	8,028	7,860	47	18	3	1	5	..	..	..	..	1	..	..	1	1	..	4	..	..	11	15.77	9.19	0.36	1.02
Fartown	10,727	11,330	82	33	3	3	6	..	..	..	..	..	..	..	..	5	1	..	3	21	13.60	11.69	..	..	
Deighton and Bradley	2,166	2,108	16	8	4	2	2	..	..	..	..	..	1	1	..	..	1	1	..	..	5	18.94	15.23	..	..
Dalton	8,521	8,574	63	33	8	3	11	..	..	..	..	1	1	..	..	2	2	6	..	..	18	17.81	15.45	0.94	0.94+
Almondbury	14,436	14,216	88	47	9	4	12	..	..	..	..	1	2	..	..	3	11	8	2	22	15.20	13.27	0.84	0.28	
Lockwood	13,365	14,044	79	50	6	7	17	..	..	..	..	1	..	..	..	4	11	10	1	20	11.25	14.29	0.58	1.14 ^o	
Lindley	8,445	8,376	61	28	2	1	8	..	..	..	..	..	..	..	..	2	6	5	2	13	14.35	13.42	1.44	..	
Longwood	5,359	5,332	24	26	2	2	12	..	..	..	..	..	..	..	..	3	7	2	2	12	9.78	19.57	..	..	
Infirmary (Central) ..	..	..	..	22	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	17	..	..	..	..	
Hospital (Dalton)	..	..	..	3	1	1	..	..	..	1	..	..	..	..	..	..	5	3	1	..	8	..	..	..	..
Workhouse (Lockwood)	..	..	5	25	2	..	10	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..
Do. (Deanhouse)	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Borough	95,056	94,862	621	390	54	30	111	..	..	1	5	8	3	..	3	40	82	47	16	185	..	..	..	..	..
Rate per 1000 of Esti- mated Population...	..	..	26.27	16.50	..	..	..	..	..	0.04	0.21	0.34	0.13	..	..	1.69	3.47	1.99	0.68	7.83	17.47	16.50	0.72	0.85	

* Central. with Infirmery, 20.57.
 † Dalton, with Fever Hospital, 16.85.
 ‡ Lockwood, with Workhouse, 21.43.

Deaths of Children under one year per 1000 births, 87.
 " " previous corresponding period 139.

Death Rate of 76 large towns, 16.58.
 Death Rate (Zymotic) " 1.38.
 Birth Rate " 28.72

TABLE II.

Return of Births and Deaths Registered during the thirteen weeks ended 30th June, 1906.

DISTRICTS.	Census Population, 1901.	Estimated Population at the middle of the year 1906	Births registered during the 13 weeks ended 30th June, 1906	Deaths registered during the 13 weeks ended 30th June, 1906	AGE MORTALITY.			SEVEN ZYMOTIC DISEASES.							All other Diseases.	Rate of Mortality per 1000.									
					Under 1 year.	Over 1 and under 5 years	Persons aged 65 years and upwards.	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough	Fevers			Tuberculosis, all forms.	Bronchitis, Pneumonia and Pleurisy.	Heart Diseases.	Cancer.	During the corre- sponding period year previous.	During the 13 weeks ended 30th June, 1906	Seven Zymotics	During the corre- sponding period year previous.	During the 13 weeks ended 30th June, 1906	
													Typhoid.	Other.											Diarrhoea.
Huddersfield (Central)	24 009	23,022	124	93	15	19	..	5	..	..	3	..	..	14	21	6	6	38	17.47	16.51	0.17	1.39*			
Marsh	8,028	7,860	49	32	3	9	..	..	..	..	2	..	..	3	3	2	2	17	11.70	16.34	1.02	1.02			
Fartown	10,727	11,330	63	36	7	11	..	..	..	..	2	..	..	1	10	4	3	16	15.03	12.75	1.07	0.71			
Deighton and Bradley .	2,166	2,108	5	6	..	4	..	..	..	..	..	..	..	..	2	1	..	3	11.36	11.42	..	..			
Dalton	8,521	8,574	51	26	5	5	..	16	..	..	..	1	..	3	5	3	1	11	16.87	12.17	1.41	1.40†			
Almondbury	14,436	14,216	96	49	9	17	..	..	..	..	1	..	..	3	16	9	2	18	14.35	13.83	0.56	0.28			
Lockwood	13,365	14,044	84	54	10	12	..	..	..	..	1	..	..	11	10	4	5	22	13.56	15.43	0.87	0.570			
Lindley	8,445	8,376	48	29	5	6	..	..	..	..	1	..	..	2	7	1	3	15	10.53	13.90	..	0.48			
Longwood	5,359	5,332	25	22	4	9	..	..	..	..	1	..	..	1	5	3	2	10	17.30	16.56	0.75	0.75			
Infirmary (Central) ...	..	..	2	11	2	..	..	..	..	..	..	..	..	..	1	2	2	6	..	..	..	..			
Hospital (Dalton) ...	..	..	..	5	1	..	..	..	..	2	1	..	..	1	1	..	..	..	..	..	..	..			
Workhouse (Lockwood)	..	..	6	24	2	11	..	..	..	..	..	..	..	3	5	1	1	14	..	..	..	..			
Do. (Deanhouse)	..	..	..	4	..	2	..	..	..	..	..	..	..	..	1	..	..	3	..	..	..	..			
Borough	95,056	94,862	553	391	61	105	..	7	2	1	11	..	..	2	87	39	27	173	..	..	..	..			
Rate per 1000 of Esti- mated Population ...	...	...	23.40	16.54	...	...	...	0.30	0.08	0.04	0.47	...	...	1.78	3.68	1.65	1.14	7.32	16.62	16.54	0.80	0.97			

* Central, with Infirmery, 18.13.
† Dalton, with Fever Hospital, 14.51.
o Lockwood, with Workhouse, 22.29.

Deaths of Children under one year per 1000 births, 110
.. previous corresponding period. 81.

Death Rate of 76 large towns, 14.92
.. " 1.45.
.. " 28.34.
Birth Rate

Return of Births and Deaths Registered during the thirteen weeks ended 29th September, 1906.

* Central, with Infirmary, 27-89.	Deaths of Children under one year per 1000 births, 220.	Death Rate of 76 large towns, 16-23.
+ Dalton, with Fever Hospital, 18-72.	" previous corresponding period, 121.	Death Rate (Zymotic) 4-43
o Lockwood, with Workhouse, 20-01.		Birth Rate 27-96.

* Central, with Infirmary, 27·89.
 ‡ Dalton, with Fever Hospital, 18·72.
 o Lockwood, with Workhouse, 20·01.

TABLE IV.

Return of Births and Deaths Registered during the thirteen weeks ended 29th December, 1906.

DISTRICTS.	Census Population, 1901.	Estimated Population at the middle of the year, 1906	Births Registered during the 13 weeks ended 29th Dec., 1906.	Deaths Registered during the 13 weeks ended 29th Dec., 1906	AGE MORTALITY.				SEVEN ZYMOTIC DISEASES.								Rate of Mortality per 1000.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
					Under 1 year.	Over 1 and under 5 years.	Persons aged 65 years and upwards.	Small Pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping Cough.	Fevers		Tuberculosis, all forms.	Bronchitis, Pneumonia and Pleurisy.	Heart Diseases.	Cancer.	All other Diseases.	During the corresponding period year previous.	During the 13 weeks ended 29th Dec., 1906	Seven Zymotics																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Huddersfield (Central)	24,009	23,022	139	94	17	11	20	...	4	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Central, with Infirmery, 20.22.

† Dalton, with Fever Hospital, 19.19.

o Lockwood, with Workhouse, 24.29.

Deaths of Children under one year per 1000 births, 126.

“ “ previous corresponding period, 140.

Death Rate of 76 large towns 16.22

Death Rate (Zymotic) “ 1.72.

Birth Rate “ 26.56.

TABLE V.

Return of Births and Deaths Registered during the fifty-two weeks ended 29th December, 1906.

DISTRICTS.	Census Population 1901.	Estimated population at the middle of the year 1906.	Births Registered during the 52 weeks ended 29th Dec., 1906.	Deaths Registered during the 52 weeks ended 29th Dec., 1906.	AGE MORTALITY			SEVEN ZYMOTIC DISEASES.								Rate of Mortality per 1000.								
					Under 1 year.	Over 1 and under 5 years.	Persons aged 65 years and upwards.	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fevers			Tuberculosis, all forms.	Bronchitis, Pneumonia and Pleurisy.	Heart Diseases.	Cancer.	All other Diseases.	All Causes.		Seven Zymotics	
													Typhoid.	Other.	Diarrhoea.						During the corresponding year previous.	During the 52 weeks ended 29th Dec., 1906.	During the corresponding year previous.	During the 52 weeks ended 29th Dec., 1906.
Huddersfield (Central)	24,009	23,022	550	428	104	71	85	—	36	—	—	13	—	—	44	42	78	27	25	161	17.21	18.65	0.78	4.14*
Marsh	8,028	7,860	195	98	22	8	28	—	1	—	2	3	—	—	5	6	12	13	5	51	13.73	12.51	0.89	1.40
Fartown	10,727	11,330	253	140	29	10	39	—	2	—	1	3	—	—	5	13	22	11	9	74	14.94	12.40	0.98	0.97
Deighton and Bradley	2,166	2,108	53	31	5	—	14	—	—	—	—	—	—	—	—	2	7	4	3	15	13.73	14.76	0.95	—
Dalton	8,521	8,574	228	127	29	9	33	—	4	—	1	1	1	—	6	14	15	14	4	67	16.64	14.86	1.76	1.52†
Almondbury	14,436	14,216	350	209	45	21	57	—	8	—	1	3	—	—	8	18	35	27	16	93	15.06	14.75	0.63	1.41
Lockwood	13,365	14,044	339	222	37	39	50	—	9	—	1	7	1	—	8	28	32	26	17	93	13.27	15.86	1.15	1.86
Lindley	8,445	8,376	203	112	14	5	42	—	1	—	—	1	1	—	3	6	20	11	12	57	14.35	13.42	0.84	0.72
Longwood	5,359	5,332	112	88	11	8	34	—	—	—	2	1	—	—	1	11	16	8	8	41	13.54	16.56	0.56	0.75
Infirmary (Central) ..	—	—	2	70	7	6	3	—	—	—	—	—	—	—	—	4	9	7	6	44	—	—	—	—
Hospital (Dalton)	—	—	—	21	1	4	—	—	—	—	3	—	6	—	—	2	3	—	—	—	—	—	—	—
Workhouse (Lockwood)	—	—	16	86	7	2	38	—	—	—	—	—	—	—	1	11	20	7	3	44	—	—	—	—
Do. (Deanhouse)	—	—	—	6	—	—	3	—	—	—	—	—	—	—	—	—	1	—	—	5	—	—	—	—
Borough	95,056	94,862	2,301	1,638	311	183	426	—	61	7	13	32	9	—	81	157	270	155	108	745	—	—	—	—
Rate per 1000 of Estimated Population ...	—	—	24.34	17.33	—	—	—	—	0.65	0.07	0.14	0.34	0.10	—	0.86	1.66	2.86	1.64	1.14	7.88	16.97	17.33	1.13	2.15

* Central, with Infirmery, 21.71.

† Dalton, with Fever Hospital, 17.32

o Lockwood, with Workhouse, 22.01.

Deaths of Children under one year per 1000 births, 135.

previous corresponding period 119.

Death Rate of 76 large towns, 15.9

Death Rate (Zymotic) 2.24

Birth Rate 27.8

TABLE VI.

Death Rate per 1,000 per annum for 1906 and twenty-six previous years.

Year.	Estimated Population at the middle of the Year.	From all causes and at all ages	Children under 1 year	Children over 1 year and under 5 years.	In persons aged 50 years and upwards.	In persons aged 65 years and upwards.	ZYMOTIC DISEASES.							Seven Zymotic Diseases.	Violence and Accidents.	Consumption and Diseases of the Breathing organs
							Smallpox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fever.	Diarrhoea.			
1906	94,862	17.33	3.29	1.94	...	4.51	...	0.65	0.07	0.14	0.34	0.10	0.86	2.15	0.48	4.11
1905	94,899	16.97	2.84	1.36	...	4.41	...	0.05	0.12	0.12	0.18	0.18	0.49	1.13	0.61	4.39
1904	94,936	17.51	3.21	1.77	...	4.29	0.01	0.79	0.10	0.15	0.26	0.07	0.52	1.91	0.63	4.31
1903	94,973	16.73	2.86	1.36	...	4.42	0.02	...	0.16	0.15	0.17	0.08	0.26	0.84	0.68	4.54
1902	95,010	17.72	3.36	1.81	...	4.24	0.01	0.60	0.11	0.16	0.48	0.05	0.20	1.61	0.58	4.54
1901	95,047	16.69	3.03	1.23	7.63	4.39	...	0.14	0.06	0.06	0.02	0.19	0.94	1.41	0.61	4.48
1900	95,083	18.49	3.32	1.89	8.20	...	...	0.62	0.20	0.02	0.18	0.24	0.50	1.74	0.57	5.26
1899	95,120	17.63	3.79	1.41	7.44	...	...	0.12	0.07	0.05	0.59	0.25	0.95	2.04	0.52	4.74
1898	95,157	17.13	3.70	1.89	7.03	...	...	0.34	0.10	0.15	0.12	0.10	0.81	1.62	0.60	4.65
1897	95,193	17.56	3.30	1.74	6.81	...	...	0.27	0.35	0.22	0.21	0.17	0.35	1.57	0.48	5.05
1896	95,230	17.69	3.63	2.25	6.90	...	...	0.28	0.20	0.27	0.57	0.13	0.34	1.79	0.50	5.51
1895	95,266	17.89	3.58	1.95	7.00	...	...	0.13	0.21	0.20	0.22	0.06	0.54	1.36	0.47	5.17
1894	95,303	16.46	3.35	1.94	5.92	...	...	0.14	0.24	0.28	0.58	0.14	0.19	1.57	0.40	4.81
1893	95,340	17.84	2.37	2.05	6.82	...	0.02	0.26	0.26	0.03	0.14	0.15	0.55	1.41	0.38	5.55
1892	95,376	18.37	3.53	2.60	6.97	...	0.01	0.71	0.19	0.07	0.30	0.06	0.19	1.55	0.48	5.76
1891	95,413	23.02	4.52	3.51	8.64	...	...	1.12	0.31	0.05	0.62	0.16	0.14	2.40	0.67	7.66
1890	94,253	18.84	3.83	2.19	7.02	...	0.01	0.04	0.07	0.05	0.42	0.25	0.39	1.23	0.48	6.58
1889	92,825	18.79	4.15	2.78	6.33	...	...	0.98	0.28	0.13	0.16	0.11	0.36	2.02	0.38	5.95
1888	91,419	18.51	3.90	2.80	6.37	...	0.02	0.36	0.29	0.15	0.41	0.13	0.19	1.55	0.65	5.40
1887	90,034	22.99	5.06	4.42	6.70	...	...	1.39	0.35	0.46	0.68	0.10	0.41	3.39	0.51	7.26
1886	88,670	19.54	4.49	2.76	6.30	...	...	0.19	0.37	0.14	0.32	0.14	0.48	1.63	0.79	6.38
1885	87,327	20.05	4.62	2.84	6.79	...	...	0.65	0.13	0.05	0.29	0.11	0.20	1.42	0.74	6.50
1884	86,004	19.54	4.84	2.55	6.34	...	...	0.18	0.08	0.05	0.70	0.14	0.63	1.77	0.57	5.65
1883	84,450	21.38	5.14	3.09	6.52	...	...	0.39	0.08	0.04	0.55	0.18	0.44	1.68	0.58	7.65
1882	83,271	22.39	5.64	3.93	6.60	...	...	0.96	0.26	0.07	0.64	0.18	0.53	2.63	0.65	6.81
1881	82,113	20.35	4.67	2.82	6.54	...	...	0.09	0.21	0.04	0.42	0.13	0.38	1.26	0.75	6.50
1880	81,780	22.04	5.20	3.79	6.66	...	0.02	0.40	0.28	0.05	0.15	0.67	0.91	2.49	0.61	6.72

TABLE VII.

Mortality per 1,000 Persons Living at all Ages.																																	
DISTRICTS.	Birth-rate	Children under 1 year.		1 to 5 Years.		Adults over 65 years.		Seven Zymotic Diseases		Constitutional Diseases		Tuberculosis, all forms.		Developmental Diseases		Diseases of the Nervous System		Diseases of the Circulatory System		Diseases of the Respiratory System.		Digestive System		Diseases of the Urinary System		Diseases of the Reproductive System		Violence		Ill-defined and not Specified Causes.		Total from all Causes	
Central (with Infirmary)	24.06	4.85	3.36	3.84	4.14	1.70	2.00	2.53	1.74	1.79	3.84	1.48	0.70	0.26	1.00	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21.71		
Central (without Infirmary).....	23.97	4.53	3.09	3.70	4.14	1.44	1.83	2.40	1.53	1.31	3.44	0.87	0.48	0.22	0.61	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18.65		
Marsh	24.89	2.81	1.02	3.57	1.40	0.89	0.77	2.17	1.79	1.91	1.53	0.38	0.51	0.13	0.26	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12.51		
Fartown	22.41	2.57	0.89	3.45	0.97	0.97	1.15	1.95	1.86	1.06	2.21	0.62	0.62	0.27	0.09	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12.40		
Deighton and Bradley.....	25.23	2.38	..	6.66	..	1.43	0.95	2.86	..	2.38	3.33	0.95	1.43	...	1.43	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14.76		
Dalton (with Sanatorium)	26.68	3.51	1.52	3.86	3.39	0.94	1.87	2.57	2.11	1.64	2.22	0.47	0.94	0.12	0.47	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17.32		
Dalton (without Sanatorium).....	26.68	3.39	1.05	3.86	1.52	0.94	1.64	2.57	2.11	1.64	1.87	0.47	0.94	0.12	0.47	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14.86		
Almoundbury.....	24.70	3.18	1.48	4.02	1.41	1.48	1.27	2.75	1.06	1.91	2.54	0.56	1.06	0.14	0.21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14.75		
Lockwood (with Workhouse)	25.36	3.14	2.93	6.29	1.93	1.50	2.79	3.50	2.36	2.72	3.79	0.71	1.36	0.21	0.36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22.01		
Lockwood (without Workhouse).....	24.22	2.64	2.79	3.57	1.86	1.21	2.00	2.36	1.14	2.14	2.36	0.57	1.07	0.21	0.36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15.86		
Lindley.....	24.32	1.68	0.60	5.03	0.72	1.68	0.72	1.80	1.80	1.80	2.40	0.60	0.60	...	0.36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13.42		
Longwood	21.08	2.07	1.51	6.40	0.75	1.88	2.07	3.20	2.63	1.69	3.20	0.19	0.38	0.19	0.19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16.56		
Total for Borough, 1906	24.34	3.29	1.94	4.51	2.15	1.42	1.66	2.60	1.84	1.86	2.94	0.78	0.84	0.18	0.48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17.33		
Do. for 1905	23.85	2.84	1.36	4.41	1.13	1.33	1.75	2.42	2.13	1.83	3.16	0.80	0.89	0.23	0.61	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16.97		

TABLE VIII.

Cases of infectious diseases notified under the 64th clause of the Huddersfield Improvement Act, 1880, or found through official enquiries, during the four quarters of the 52 weeks of the year 1906.

A Cases of Small-pox, Scarlet Fever, Typhoid, and Typhus Fever.

	1st Quarter				2nd Quarter				3rd Quarter				4th Quarter				YEAR			
	Cases heard of.	Admitted to Hospital.	Total deaths in Borough.	Deaths in Hospital.	Cases heard of	Admitted to Hospital.	Total deaths in Borough.	Deaths in Hospital.	Cases heard of	Admitted to Hospital.	Total deaths in Borough.	Deaths in Hospital.	Cases heard of.	Admitted to Hospital.	Total deaths in Borough.	Deaths in Hospital.	Total cases reported or heard of.	Admitted to Hospital.	Total deaths in Borough.	Deaths in Hospital.
Small pox.....	97	80	1	1	69	64	2	2	97	89	1	1	59	54	3	3	322	287	7	7
Scarlet fever	11	10	3	2	7	7	...	...	25	20	3	2	32	31	3	2	75	68	9	6
Typhoid fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The above 4 diseases.	108	90	4	3	76	71	2	2	122	109	4	3	91	85	6	5	397	355	16	13

B Other Diseases.

	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		TOTAL	
	Heard of	Hospital	Heard of	Hospital	Heard of	Hospital	Heard of	Hospital	Heard of	Hospital
Continued fever.....	73	...	402	...	1634	...	457	...	2566	...
Measles & R��theln	...	...	10	...	...	...	...	...	10	...
Chicken-pox	19	...	...	4	...	9	...	...	...	...
Diphtheria	2	...	2	...	1	...	3	...	64	25
Puerperal Fever	9	...	10	...	7	...	15	...	8	...
Erysipelas	...	...	1	...	2	...	...	...	41	...
Other and doubtful	...	...	1	1	2	2	...	...	3	3

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